

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135265.D
 Acq On : 14 Sep 2023 21:09
 Operator : CG\JU
 Sample : 04399-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:36:48 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	133790	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	493836	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	223626	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	350826	20.000	ng	0.00
76) Chrysene-d12	13.951	240	226683	20.000	ng	0.00
86) Perylene-d12	15.415	264	253905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	651659	79.220	ng	0.02
7) Phenol-d6	6.416	99	801520	76.629	ng	0.01
23) Nitrobenzene-d5	7.328	82	512847	56.421	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	148414	66.784	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	895628	60.425	ng	0.00
79) Terphenyl-d14	12.886	244	692323	47.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	124550	34.539	ng	99
3) Pyridine	3.322	79	309096	31.848	ng	98
4) n-Nitrosodimethylamine	3.287	42	210879	40.946	ng	97
6) Aniline	6.434	93	374026	27.269	ng	# 83
8) 2-Chlorophenol	6.551	128	358112	40.782	ng	99
9) Benzaldehyde	6.316	77	129099	21.666	ng	99
10) Phenol	6.428	94	412761	35.988	ng	80
11) bis(2-Chloroethyl)ether	6.504	93	339228	39.430	ng	98
12) 1,3-Dichlorobenzene	6.704	146	358990	40.226	ng	100
13) 1,4-Dichlorobenzene	6.781	146	365019	40.202	ng	99
14) 1,2-Dichlorobenzene	6.934	146	343337	40.719	ng	97
15) Benzyl Alcohol	6.916	79	306323	40.812	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	632969	39.032	ng	90
17) 2-Methylphenol	7.028	107	277192	35.771	ng	96
18) Hexachloroethane	7.269	117	134142	39.985	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	237612	36.676	ng	94
20) 3+4-Methylphenols	7.181	107	323057	34.670	ng	94
22) Acetophenone	7.175	105	461935	40.914	ng	# 97
24) Nitrobenzene	7.351	77	369568	41.135	ng	99
25) Isophorone	7.586	82	673627	40.359	ng	97
26) 2-Nitrophenol	7.663	139	166574	38.631	ng	98
27) 2,4-Dimethylphenol	7.704	122	266138	36.720	ng	97
28) bis(2-Chloroethoxy)met...	7.798	93	417701	41.812	ng	100
29) 2,4-Dichlorophenol	7.910	162	265806	39.578	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	301736	42.984	ng	99
31) Naphthalene	8.069	128	972509	40.531	ng	100
32) Benzoic acid	7.828	122	132574m	24.291	ng	
33) 4-Chloroaniline	8.122	127	287057	27.268	ng	98
34) Hexachlorobutadiene	8.181	225	177592	41.957	ng	99
35) Caprolactam	8.498	113	80560m	35.741	ng	
36) 4-Chloro-3-methylphenol	8.610	107	278133	37.262	ng	97
37) 2-Methylnaphthalene	8.757	142	602425	37.351	ng	100
38) 1-Methylnaphthalene	8.857	142	576967	38.209	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	289149	44.631	ng	99
41) Hexachlorocyclopentadiene	8.904	237	100866	39.456	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	174811	41.211	ng	100

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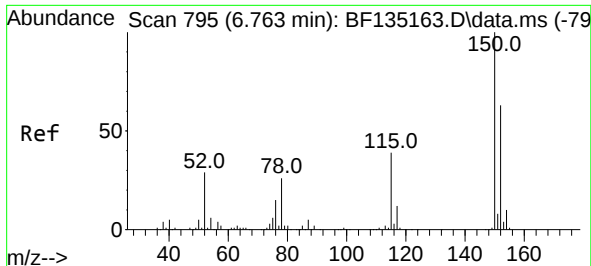
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:36:48 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)
44) 2,4,5-Trichlorophenol	9.086	196	174387	35.699	ng	99
46) 1,1'-Biphenyl	9.228	154	756167	44.001	ng	99
47) 2-Chloronaphthalene	9.251	162	553599	44.398	ng	99
48) 2-Nitroaniline	9.351	65	195933	40.447	ng	97
49) Acenaphthylene	9.663	152	870146	41.990	ng	99
50) Dimethylphthalate	9.533	163	630779	41.720	ng	100
51) 2,6-Dinitrotoluene	9.598	165	134377	40.571	ng	86
52) Acenaphthene	9.839	154	502002	41.008	ng	98
53) 3-Nitroaniline	9.769	138	133987	34.462	ng	90
54) 2,4-Dinitrophenol	9.875	184	17520	14.838	ng	# 91
55) Dibenzofuran	10.010	168	750985	40.201	ng	97
56) 4-Nitrophenol	9.939	139	152951	61.899	ng	97
57) 2,4-Dinitrotoluene	10.004	165	160572	38.724	ng	94
58) Fluorene	10.351	166	546482	38.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	120240	31.998	ng	99
60) Diethylphthalate	10.233	149	606464	39.968	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	268201	38.878	ng	97
62) 4-Nitroaniline	10.380	138	118806	31.790	ng	98
63) Azobenzene	10.510	77	553794	37.292	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	15884	8.524	ng	90
66) n-Nitrosodiphenylamine	10.469	169	484850	45.650	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	159938	45.838	ng	99
68) Hexachlorobenzene	10.904	284	168595	47.429	ng	100
69) Atrazine	11.004	200	142774	49.959	ng	98
70) Pentachlorophenol	11.104	266	130097	61.171	ng	97
71) Phenanthrene	11.322	178	752831	45.372	ng	99
72) Anthracene	11.369	178	730875	42.853	ng	98
73) Carbazole	11.533	167	643654	41.457	ng	99
74) Di-n-butylphthalate	11.863	149	851722	46.555	ng	99
75) Fluoranthene	12.516	202	816162	47.206	ng	98
77) Benzidine	12.639	184	215164	46.331	ng	98
78) Pyrene	12.745	202	806136	37.352	ng	100
80) Butylbenzylphthalate	13.368	149	302942	39.868	ng	98
81) Benzo(a)anthracene	13.945	228	641510	43.826	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	199357	43.603	ng	98
83) Chrysene	13.980	228	651987	44.801	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	473302	60.699	ng	97
85) Di-n-octyl phthalate	14.551	149	793962	64.072	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.898	276	558922	33.574	ng	99
88) Benzo(b)fluoranthene	14.992	252	704716	51.271	ng	99
89) Benzo(k)fluoranthene	15.021	252	554833	40.864	ng	99
90) Benzo(a)pyrene	15.357	252	557131	42.505	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	441055	32.380	ng	98
92) Benzo(g,h,i)perylene	17.345	276	435628	30.622	ng	98

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



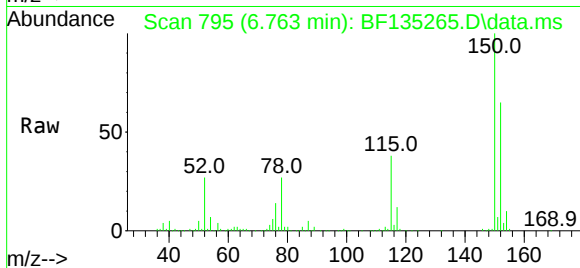
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

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72-11930MSD

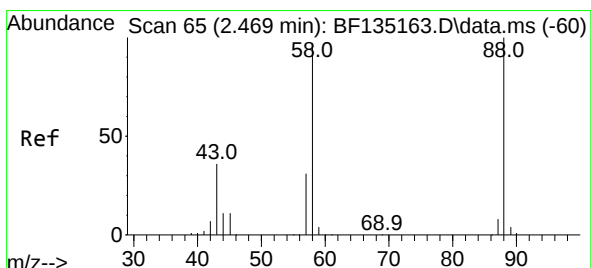
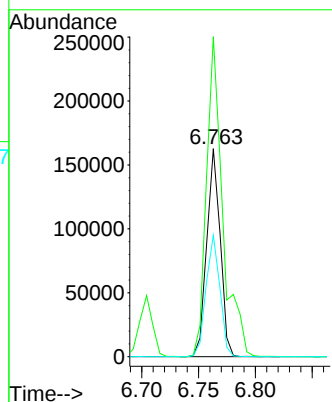
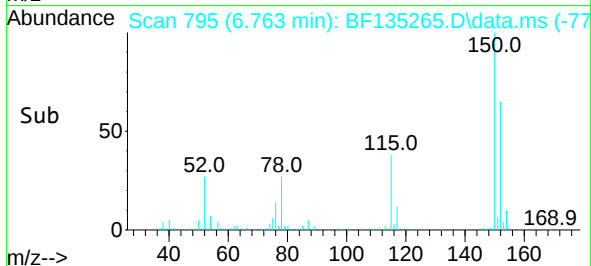


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Ion Ratio Lower Upper
152 100
150 153.9 127.8 191.6
115 58.4 49.8 74.8

Manual Integrations

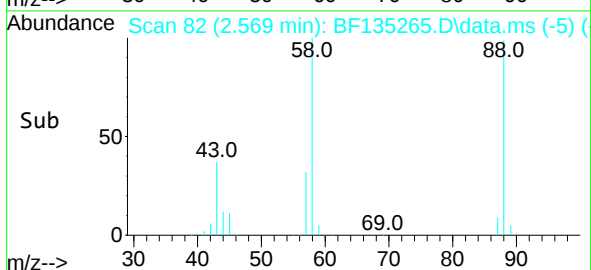
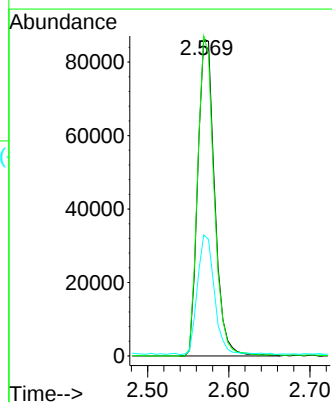
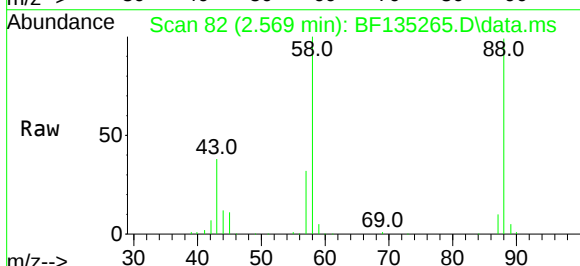
APPROVED

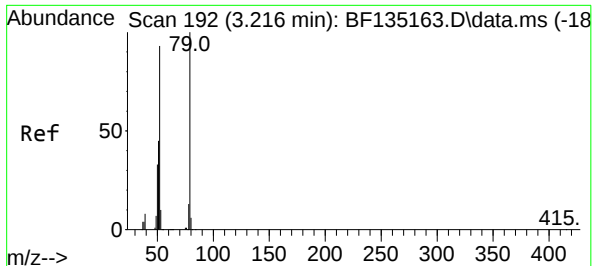
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#2
1,4-Dioxane
Concen: 34.539 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.100 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

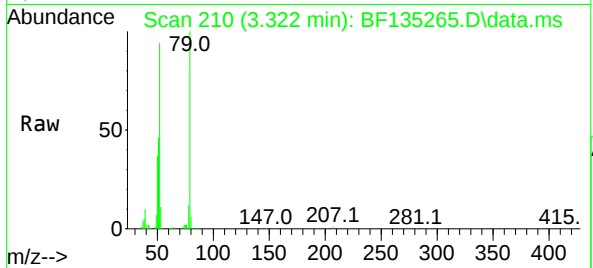
Tgt Ion: 88 Resp: 124550
Ion Ratio Lower Upper
88 100
58 98.4 78.3 117.5
43 37.8 29.4 44.0





#3
Pyridine
Concen: 31.848 ng
RT: 3.322 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

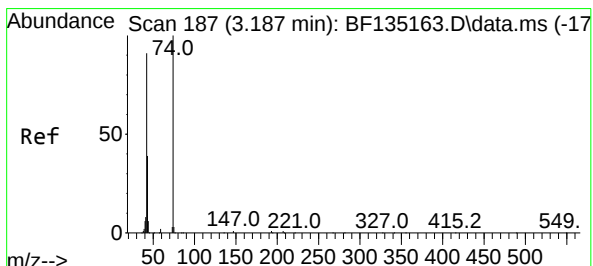
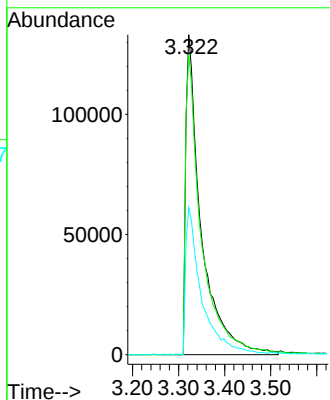
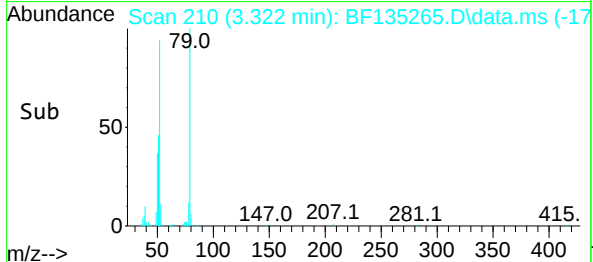
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



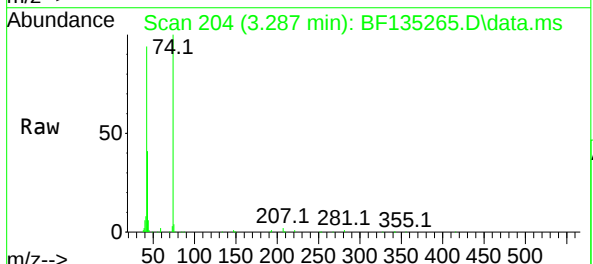
Tgt Ion: 79 Resp: 309090
Ion Ratio Lower Upper
79 100
52 94.0 74.1 111.1
51 46.0 35.8 53.8

Manual Integrations
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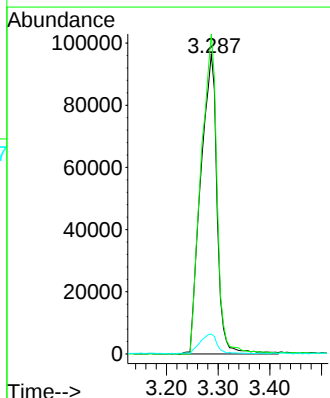
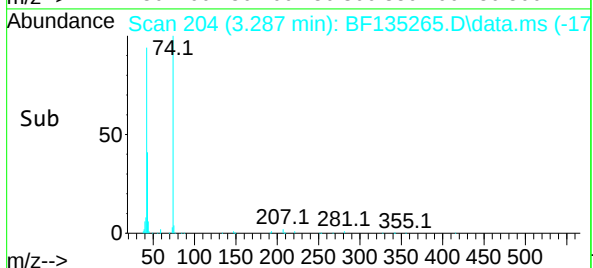
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

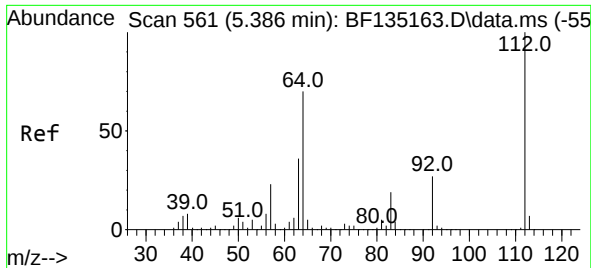


#4
n-Nitrosodimethylamine
Concen: 40.946 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.100 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion: 42 Resp: 210879
Ion Ratio Lower Upper
42 100
74 106.6 87.7 131.5
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 79.220 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

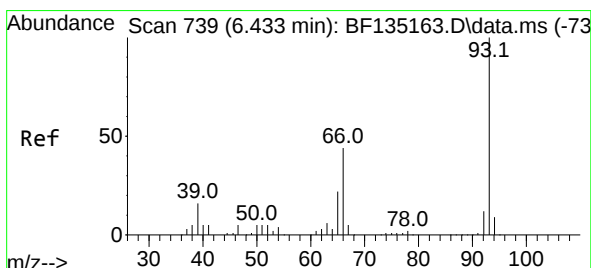
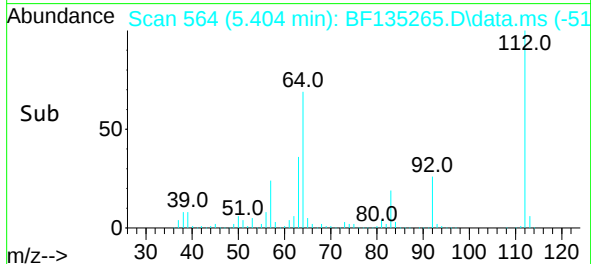
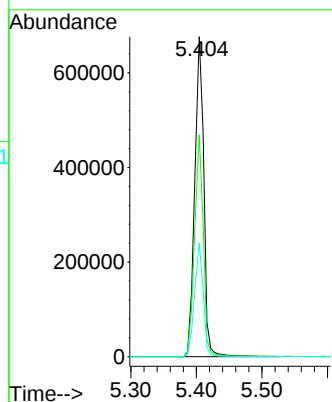
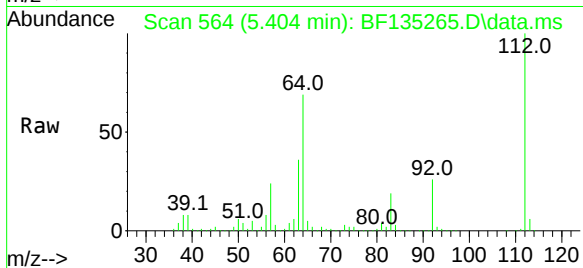
72-11930MSD

Tgt Ion:112 Resp: 651659
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.5 29.0 43.6

Manual Integrations

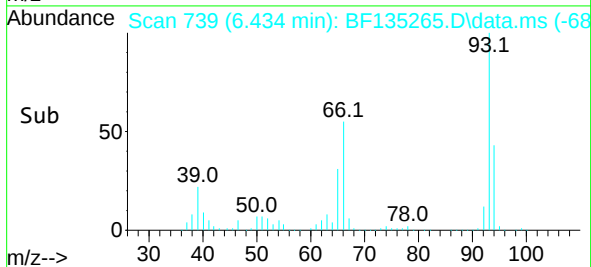
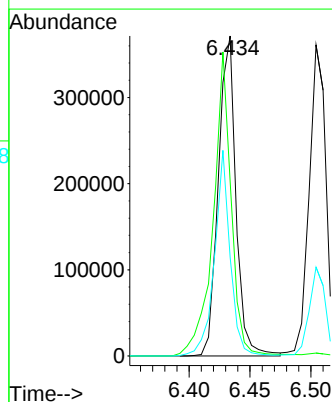
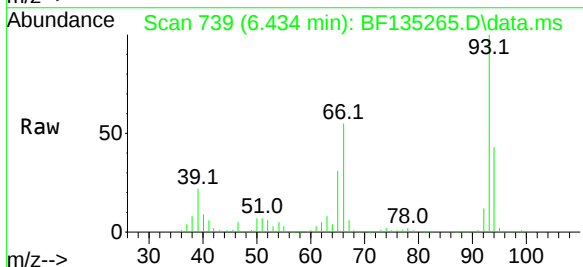
APPROVED

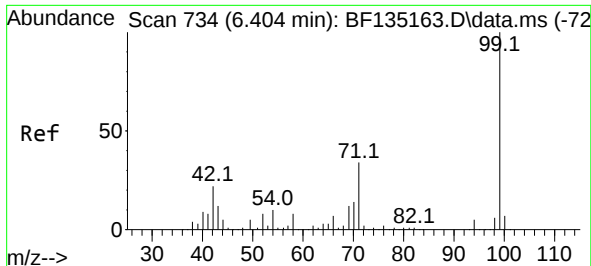
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#6
Aniline
Concen: 27.269 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Tgt Ion: 93 Resp: 374026
Ion Ratio Lower Upper
93 100
66 54.7 35.4 53.0#
65 30.9 17.8 26.8#





#7

Phenol-d6

Concen: 76.629 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

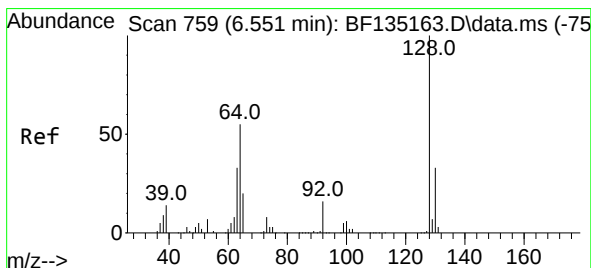
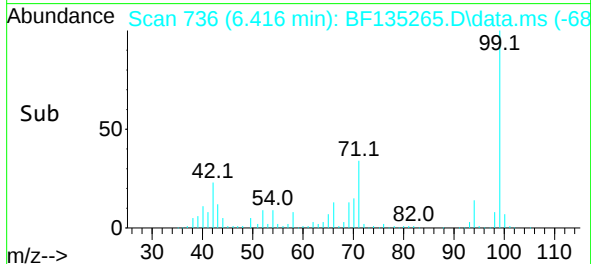
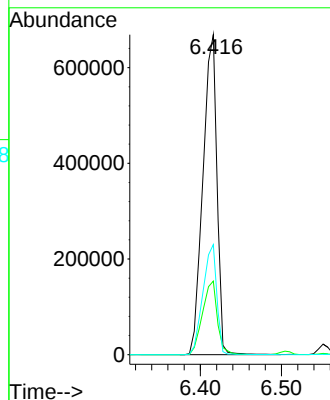
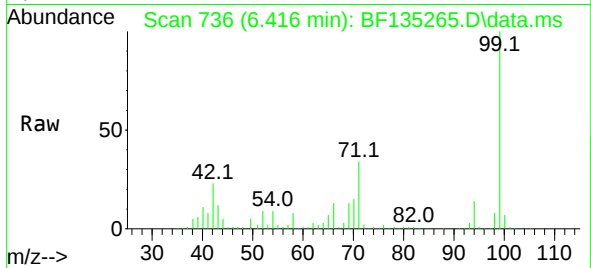
Tgt Ion: 99 Resp: 801520
 Ion Ratio Lower Upper
 99 100
 42 23.0 17.9 26.9
 71 34.4 27.0 40.6

Manual Integrations

APPROVED

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#8

2-Chlorophenol

Concen: 40.782 ng

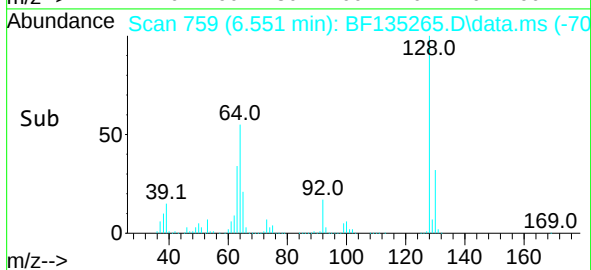
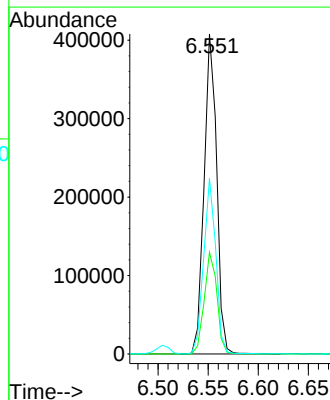
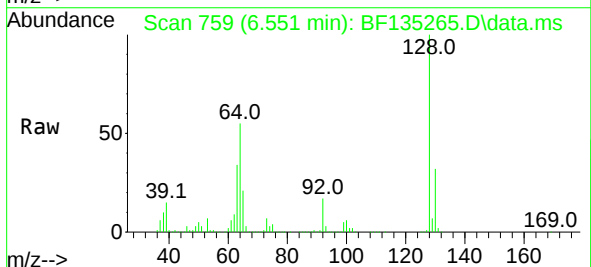
RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

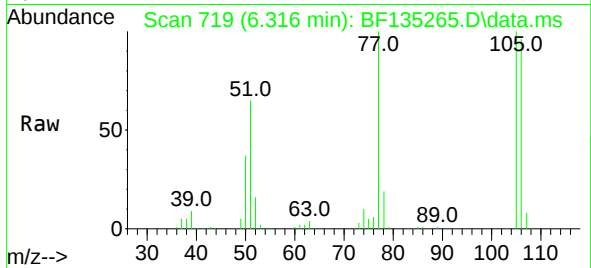
Tgt Ion:128 Resp: 358112
 Ion Ratio Lower Upper
 128 100
 130 31.8 12.7 52.7
 64 54.9 35.9 75.9





#9
Benzaldehyde
Concen: 21.666 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

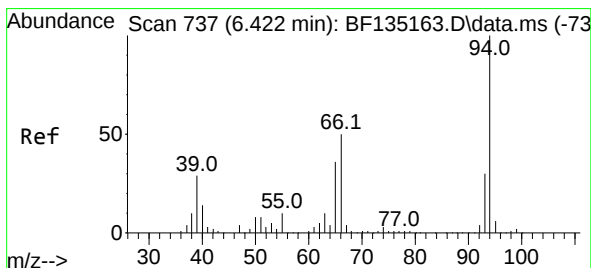
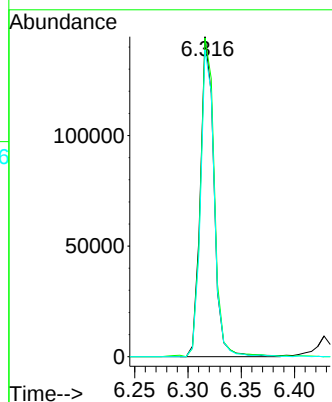
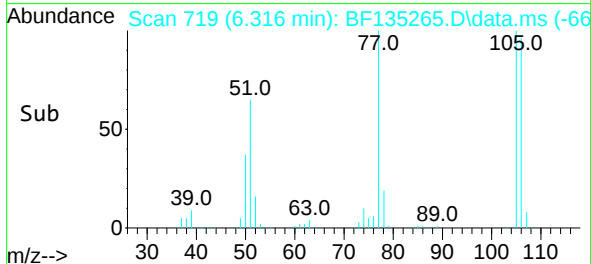
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion: 77 Resp: 129099
Ion Ratio Lower Upper
77 100
105 99.6 81.4 121.4
106 95.8 76.9 116.9

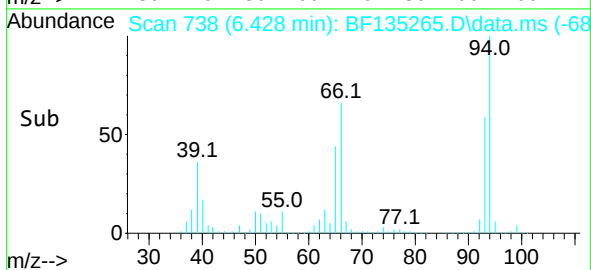
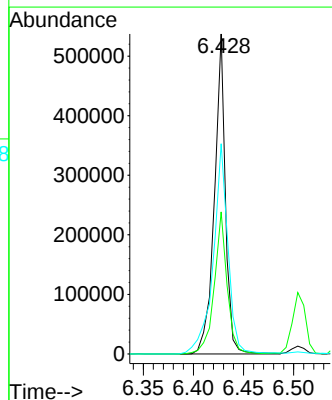
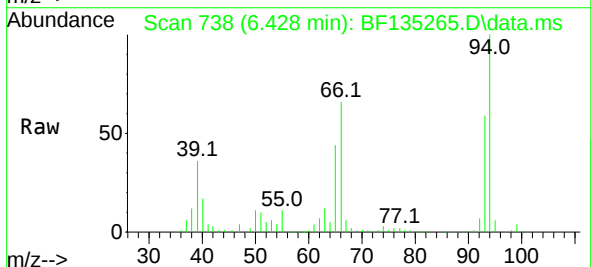
Manual Integrations
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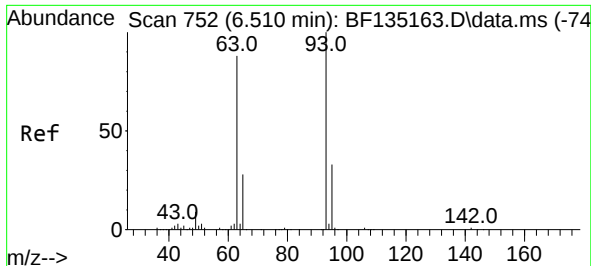
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Phenol
Concen: 35.988 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Tgt Ion: 94 Resp: 412761
Ion Ratio Lower Upper
94 100
65 44.4 15.9 55.9
66 65.7 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 39.430 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

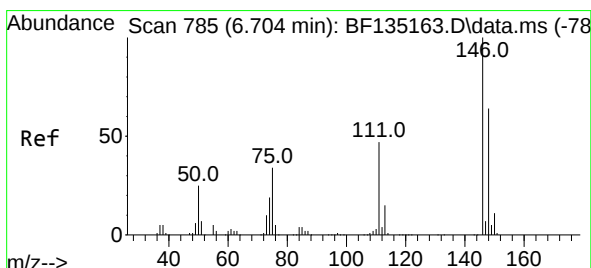
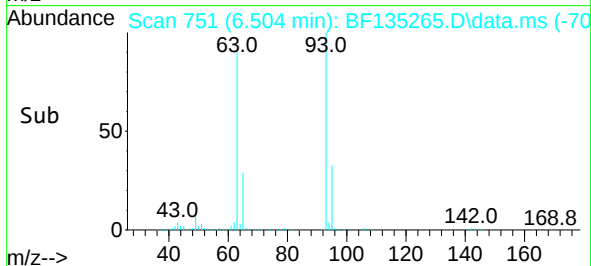
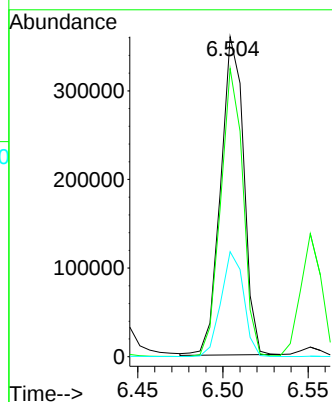
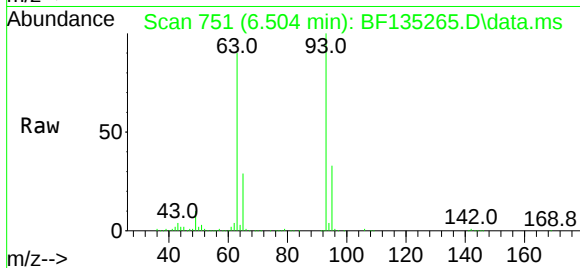
ClientSampleId :

72-11930MSD

Tgt Ion: 93 Resp: 339228
Ion Ratio Lower Upper
93 100
63 90.1 67.3 107.3
95 32.8 12.7 52.7

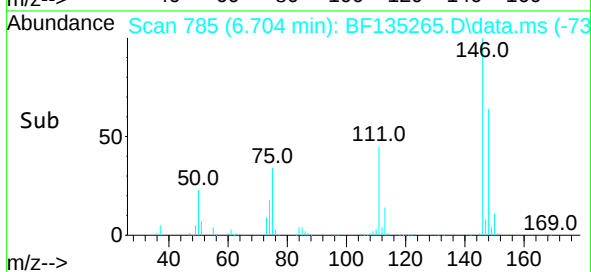
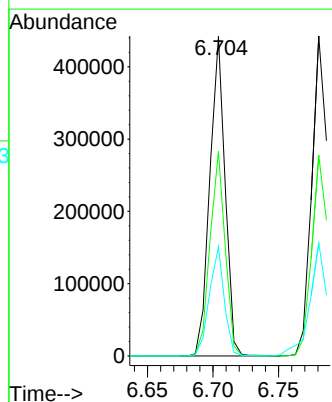
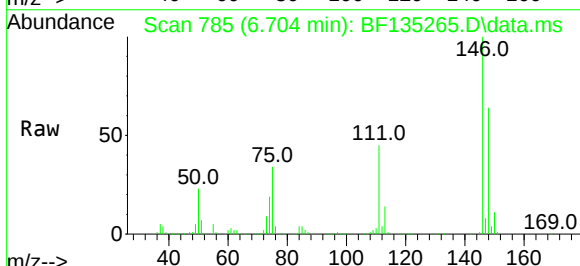
Manual Integrations
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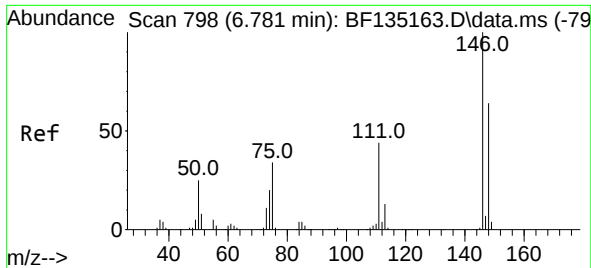
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#12
1,3-Dichlorobenzene
Concen: 40.226 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Tgt Ion:146 Resp: 358990
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.202 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

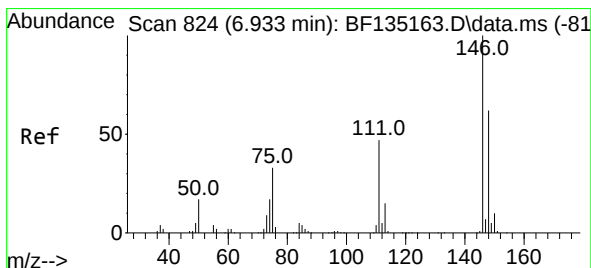
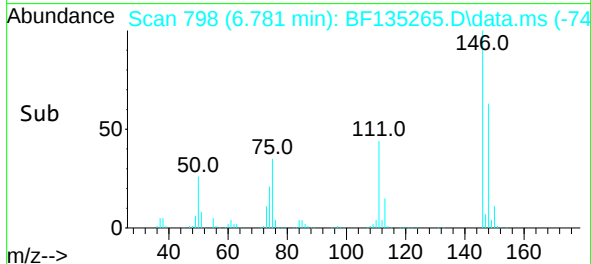
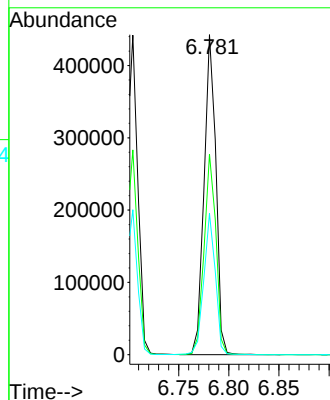
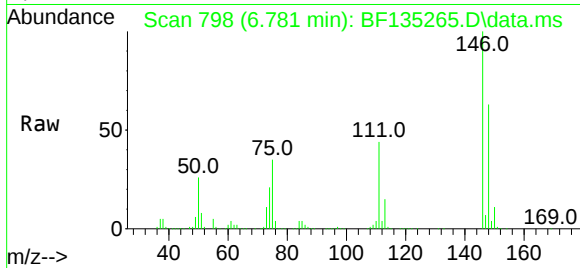
Tgt Ion:146 Resp: 365019
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.3 76.9
 111 44.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#14

1,2-Dichlorobenzene

Concen: 40.719 ng

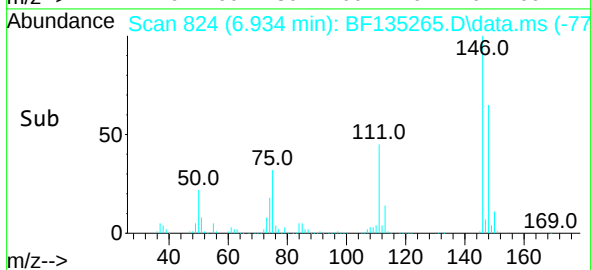
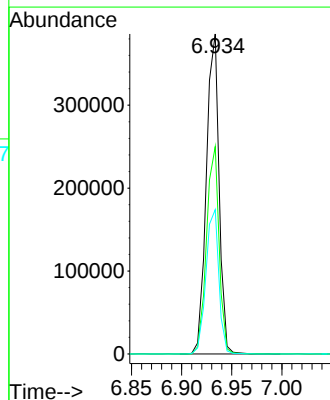
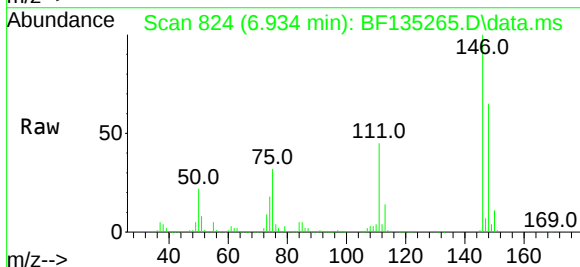
RT: 6.934 min Scan# 824

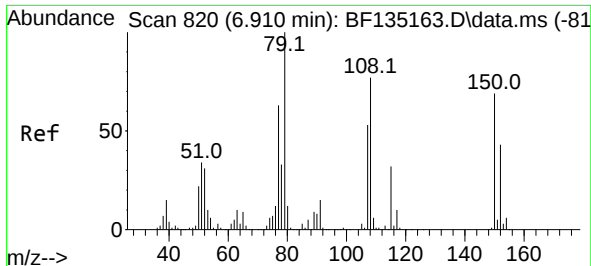
Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Tgt Ion:146 Resp: 343337
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.7 74.5
 111 45.1 37.4 56.2





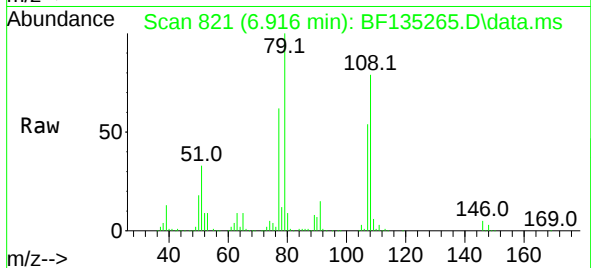
#15
Benzyl Alcohol
Concen: 40.812 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

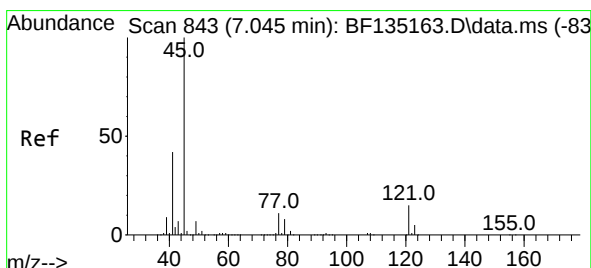
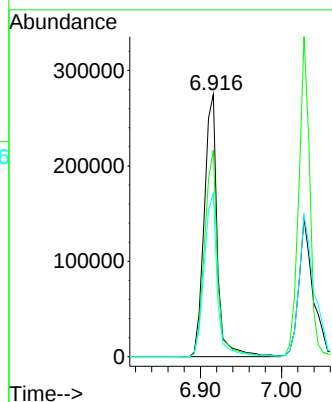
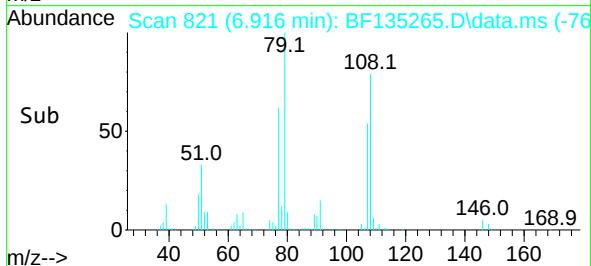


Tgt Ion: 79 Resp: 30632
Ion Ratio Lower Upper
79 100
108 78.8 61.2 91.8
77 62.4 50.5 75.7

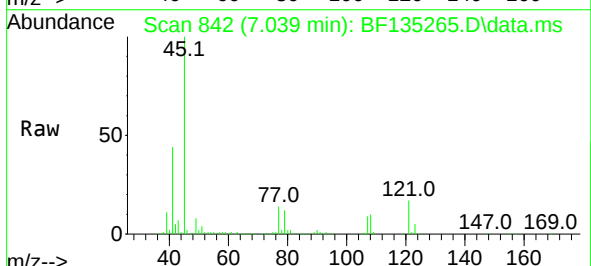
Manual Integrations

APPROVED

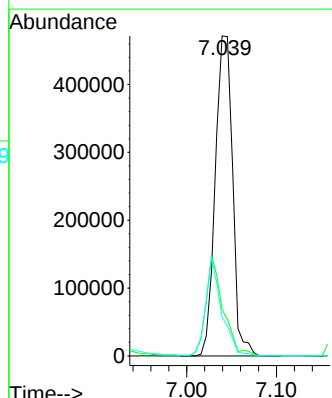
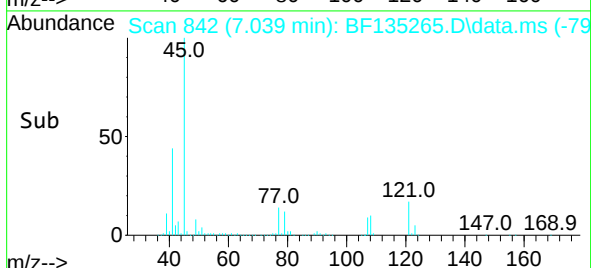
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

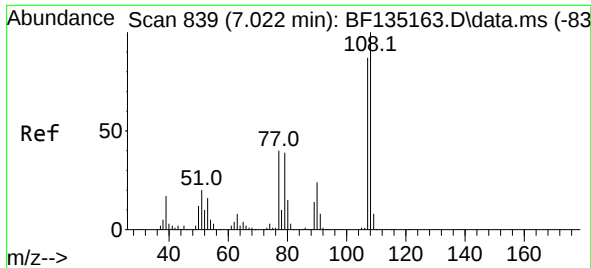


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.032 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion: 45 Resp: 632969
Ion Ratio Lower Upper
45 100
77 14.4 0.0 30.6
79 12.0 0.0 28.3





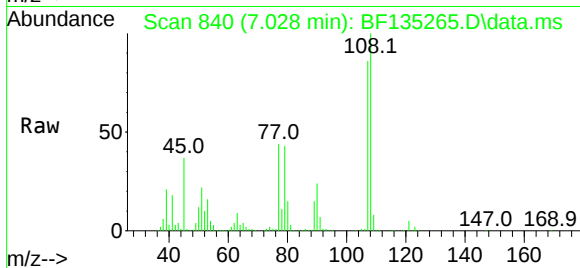
#17
2-Methylphenol
Concen: 35.771 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

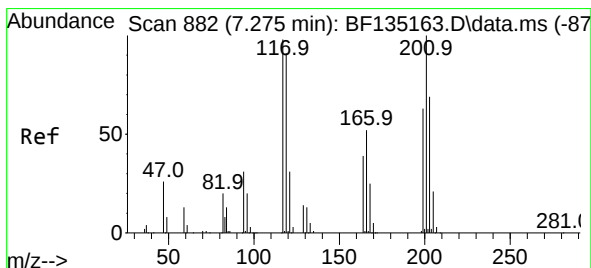
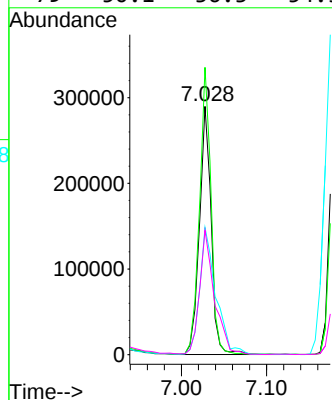
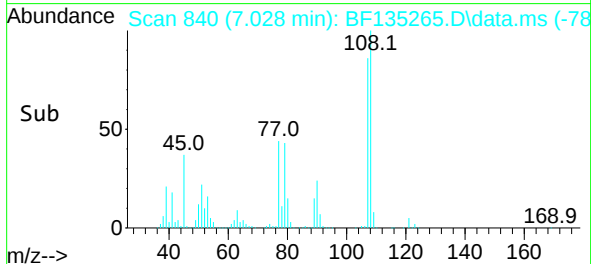


Tgt Ion:107 Resp: 277192
Ion Ratio Lower Upper
107 100
108 115.7 92.0 138.0
77 51.2 36.7 55.1
79 50.1 36.3 54.5

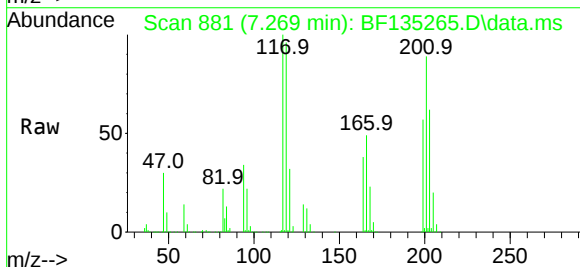
Manual Integrations

APPROVED

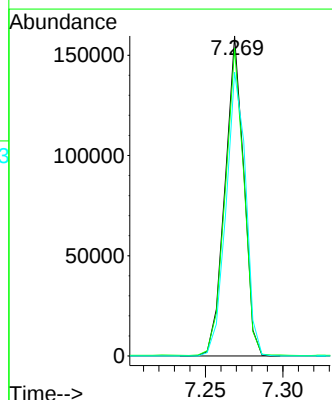
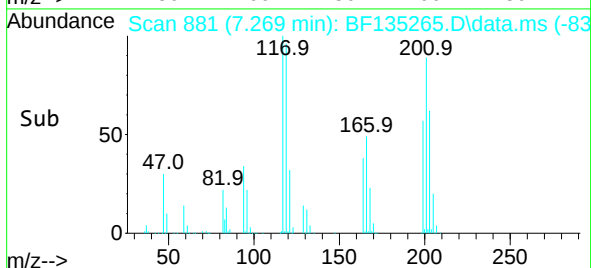
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#18
Hexachloroethane
Concen: 39.985 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:117 Resp: 134142
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
201 88.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 36.676 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF135265.D

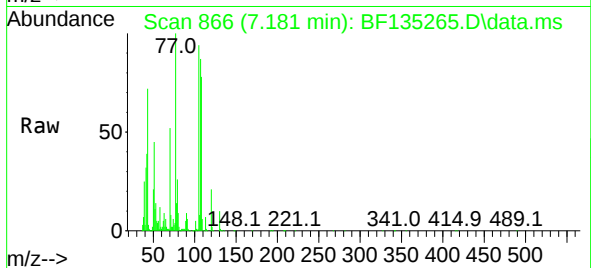
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion: 70 Resp: 23761

Ion Ratio Lower Upper

70 100

42 74.8 55.4 83.0

101 9.3 7.7 11.5

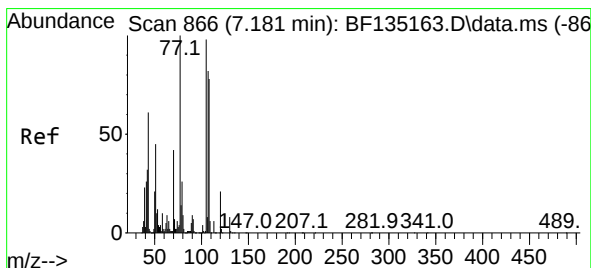
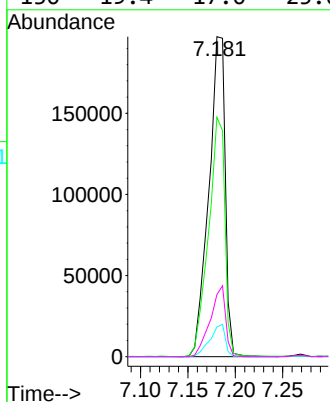
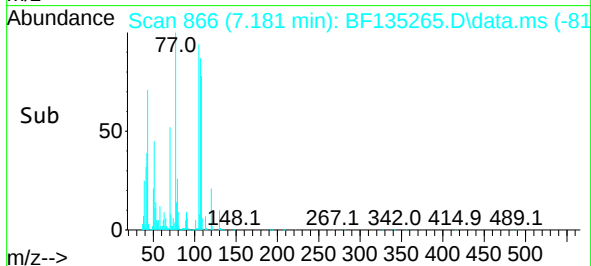
130 19.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#20

3+4-Methylphenols

Concen: 34.670 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Tgt Ion:107 Resp: 323057

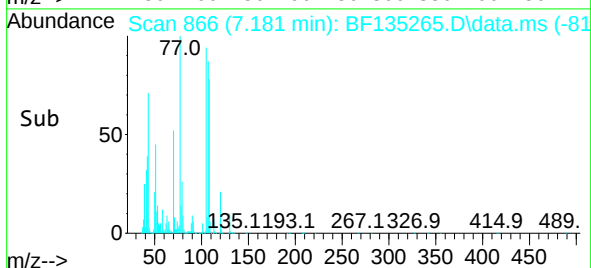
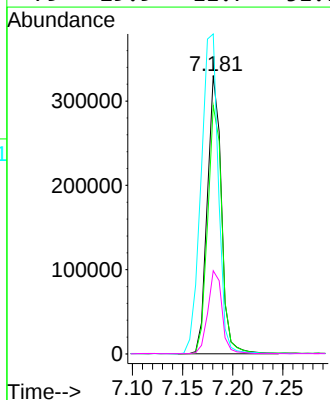
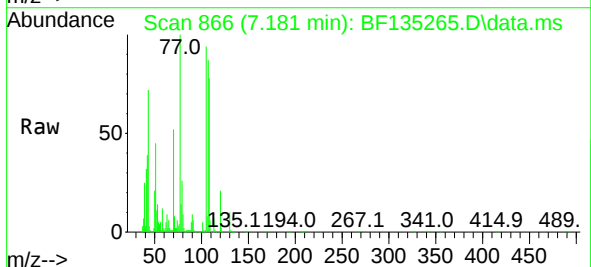
Ion Ratio Lower Upper

107 100

108 89.2 74.7 114.7

77 115.0 102.0 142.0

79 29.9 11.7 51.7





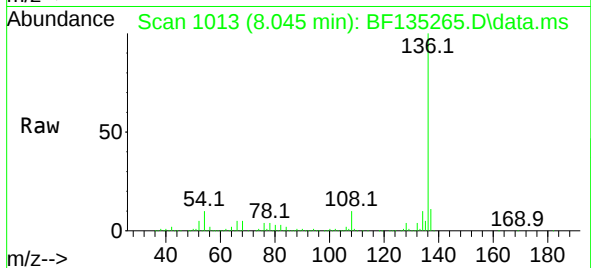
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

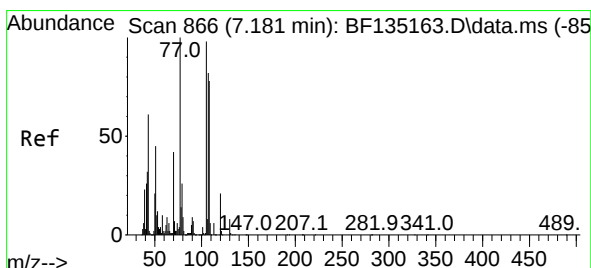
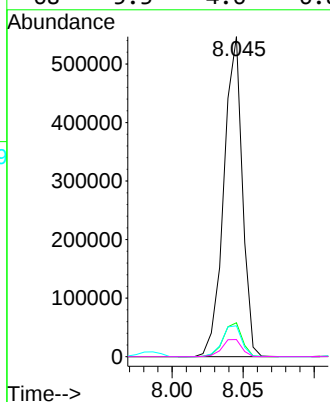
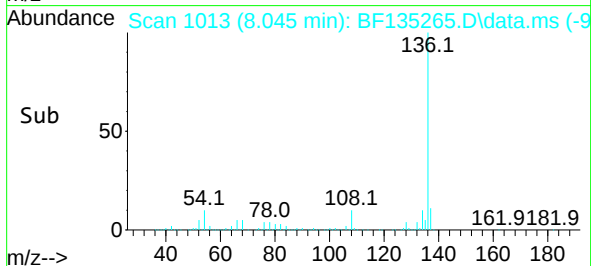


Tgt Ion:136 Resp: 493836
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.7 11.5
68 5.3 4.6 6.8

Manual Integrations

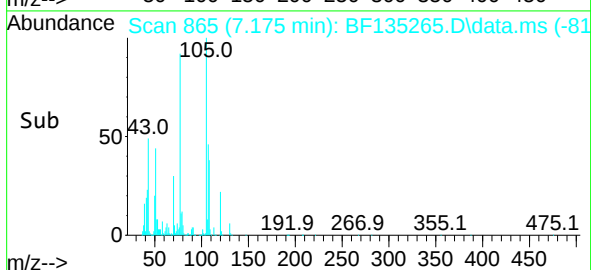
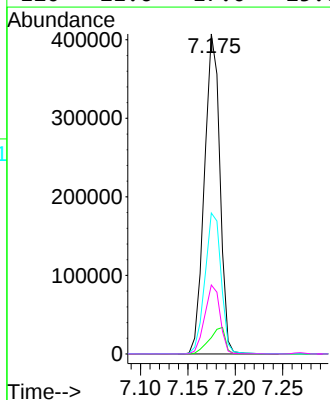
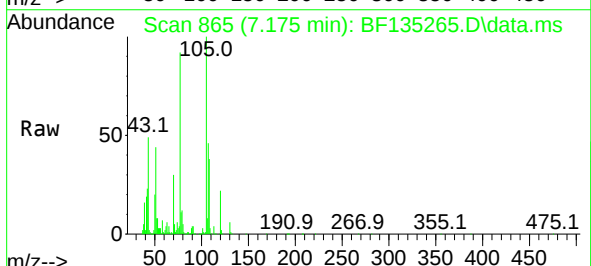
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#22
Acetophenone
Concen: 40.914 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Tgt Ion:105 Resp: 461935
Ion Ratio Lower Upper
105 100
71 5.1 5.8 8.6#
51 44.1 37.0 55.4
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 56.421 ng

RT: 7.328 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

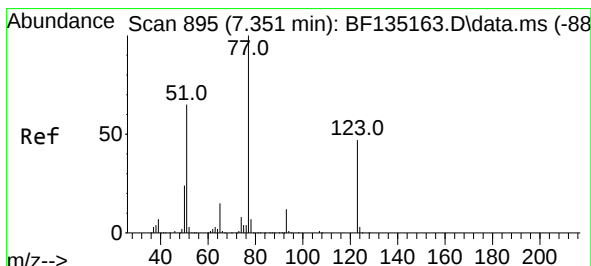
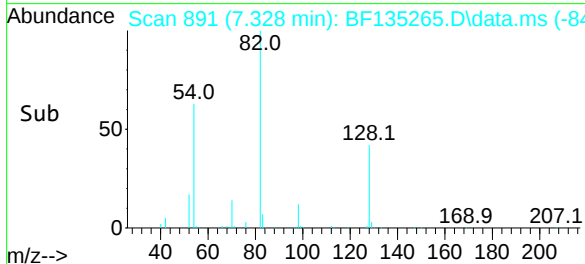
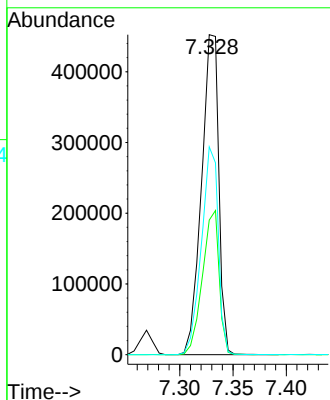
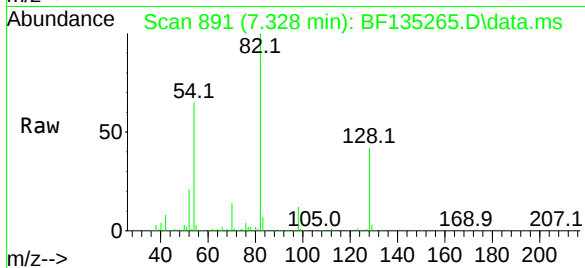
72-11930MSD

Tgt Ion: 82 Resp: 51284

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.8	53.6
54	64.9	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#24

Nitrobenzene

Concen: 41.135 ng

RT: 7.351 min Scan# 895

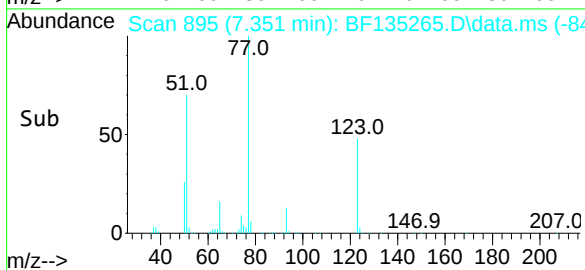
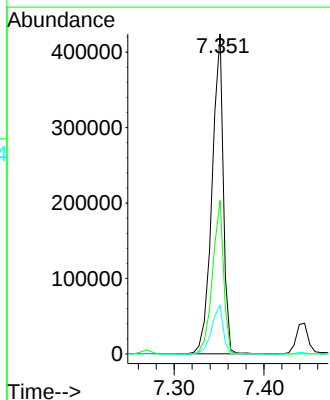
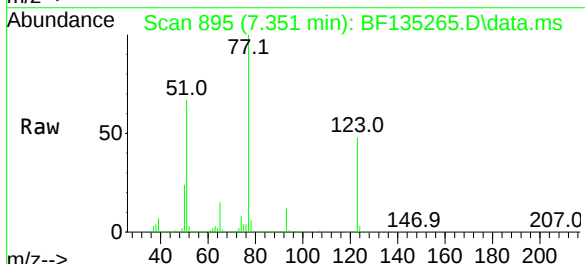
Delta R.T. 0.000 min

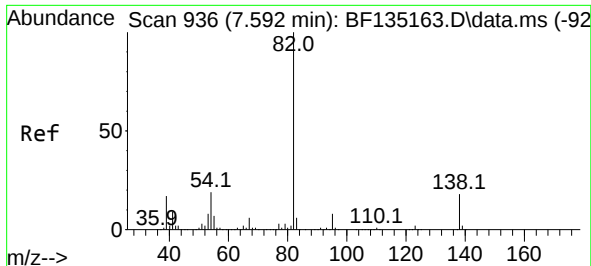
Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Tgt Ion: 77 Resp: 369568

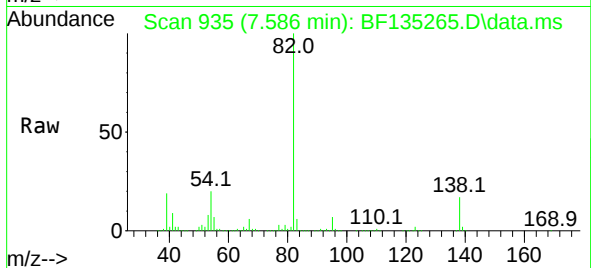
Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.6	56.4
65	15.1	12.2	18.4





#25
Isophorone
Concen: 40.359 ng
RT: 7.586 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

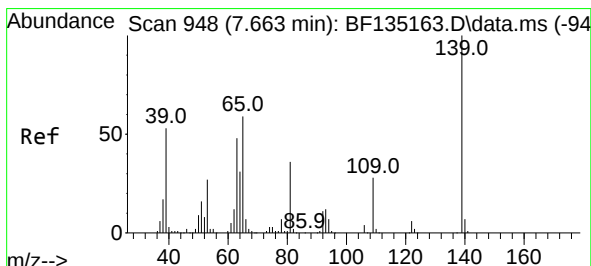
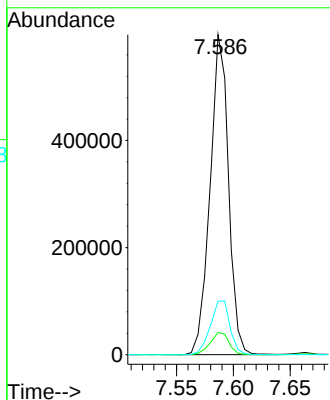
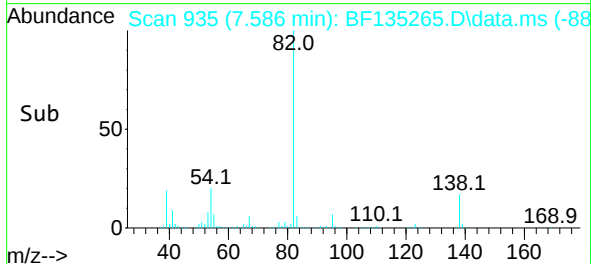
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



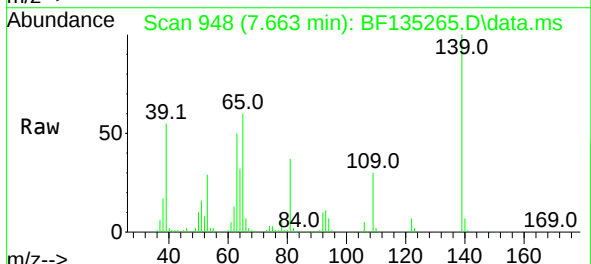
Tgt Ion: 82 Resp: 67362
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 16.7 14.5 21.7

Manual Integrations
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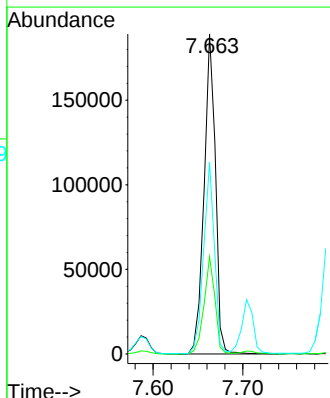
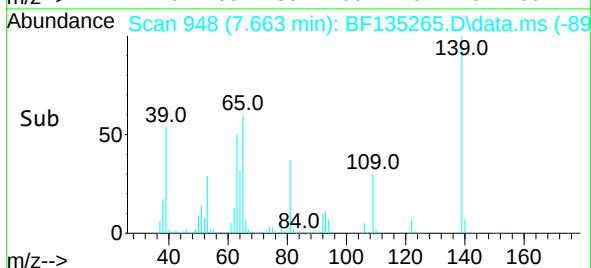
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#26
2-Nitrophenol
Concen: 38.631 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:139 Resp: 166574
Ion Ratio Lower Upper
139 100
109 30.4 22.6 33.8
65 59.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 36.720 ng

RT: 7.704 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF135265.D

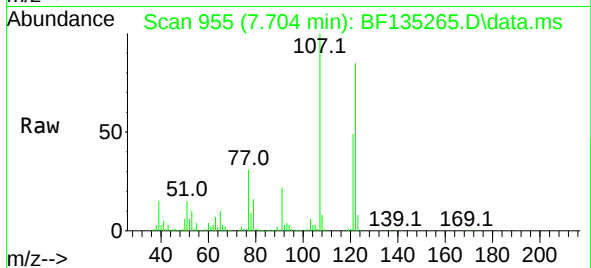
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



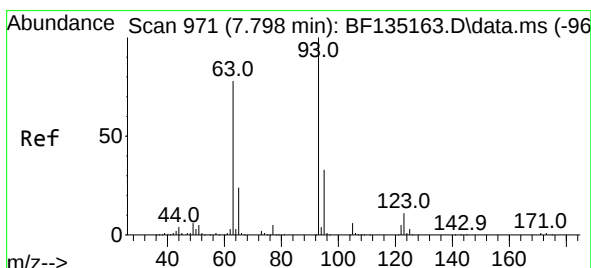
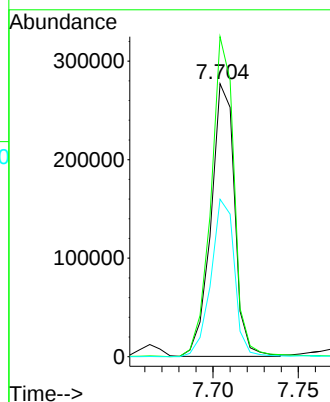
Tgt Ion:	122	Resp:	266138
Ion Ratio	Lower	Upper	
122	100		
107	117.2	90.2	135.4
121	57.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.812 ng

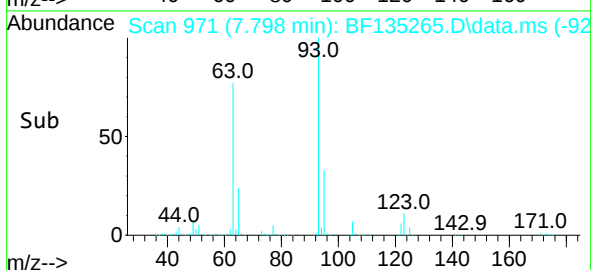
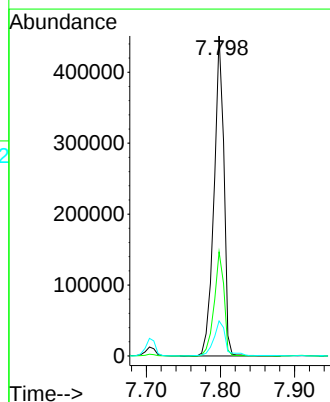
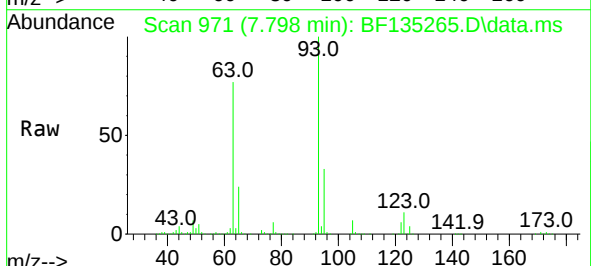
RT: 7.798 min Scan# 971

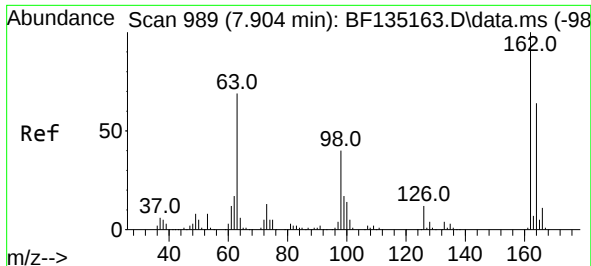
Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Tgt Ion:	93	Resp:	417701
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.2	39.2
123	11.0	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 39.578 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:162 Resp: 265800

Ion Ratio Lower Upper

162 100

164 65.8 44.1 84.1

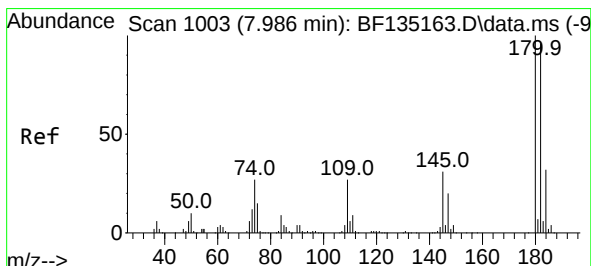
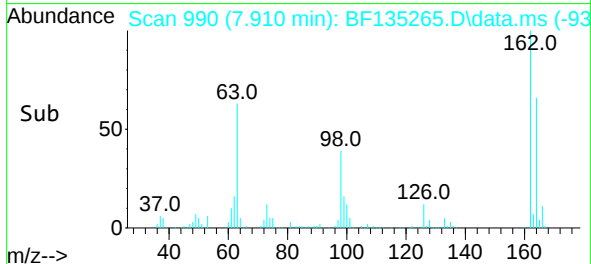
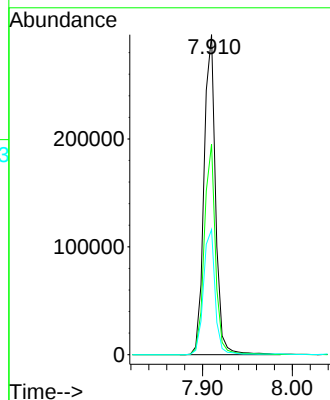
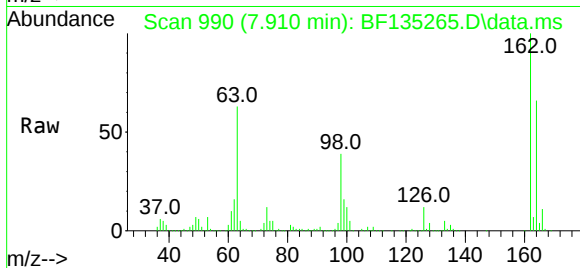
98 39.1 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.984 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

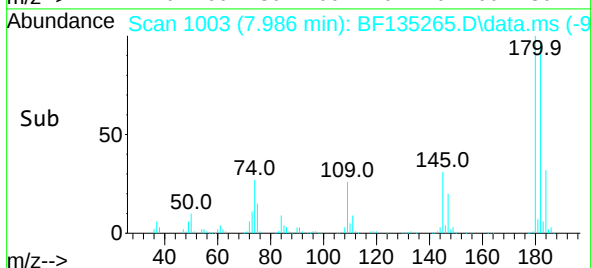
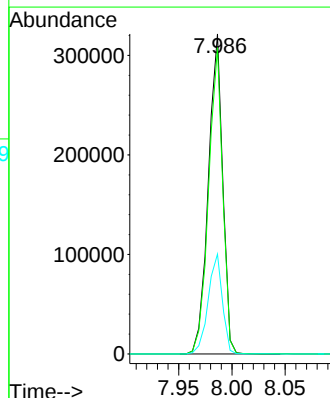
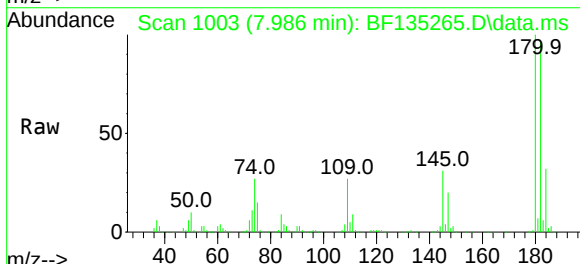
Tgt Ion:180 Resp: 301736

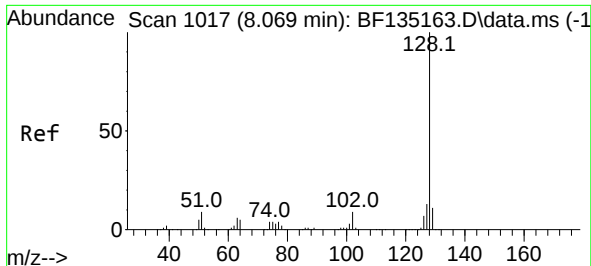
Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 31.2 24.5 36.7





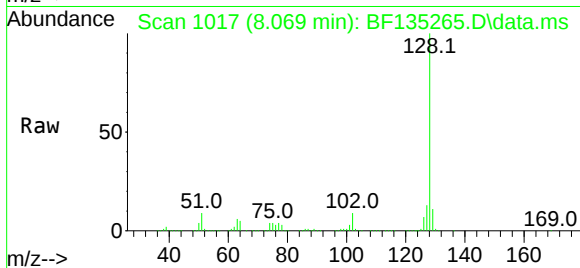
#31
Naphthalene
Concen: 40.531 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



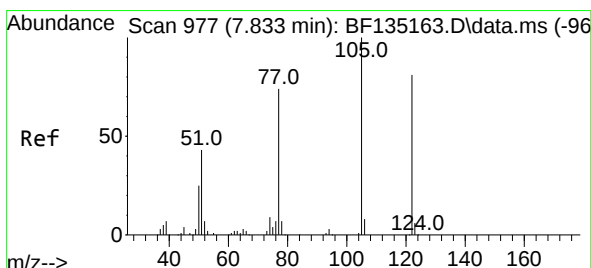
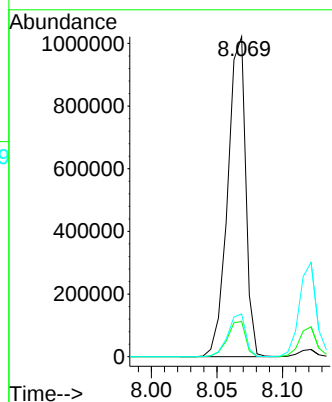
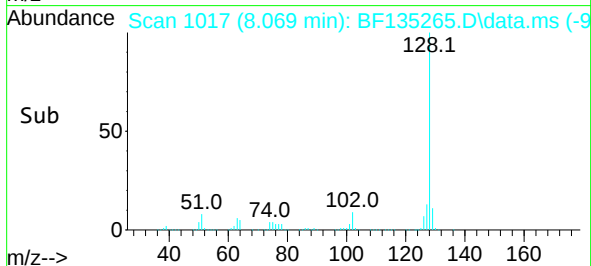
Tgt Ion:128 Resp: 972509
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

APPROVED

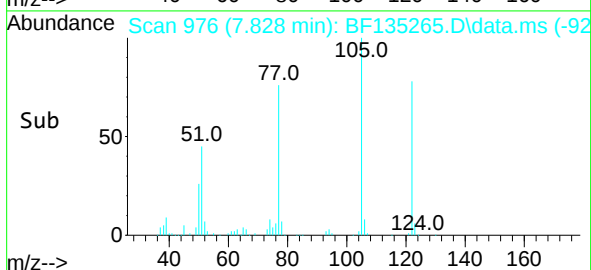
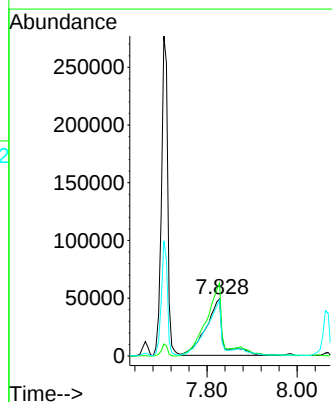
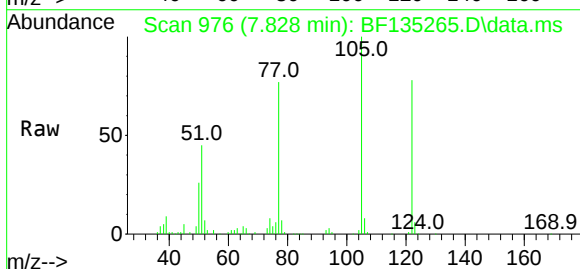
Reviewed By :Yogesh Patel 09/15/2023

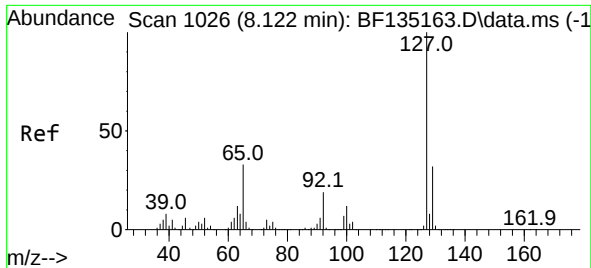
Supervised By :mohammad ahmed 09/15/2023



#32
Benzoic acid
Concen: 24.291 ng m
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Tgt Ion:122 Resp: 132574
Ion Ratio Lower Upper
122 100
105 127.8 99.9 139.9
77 98.0 70.0 110.0





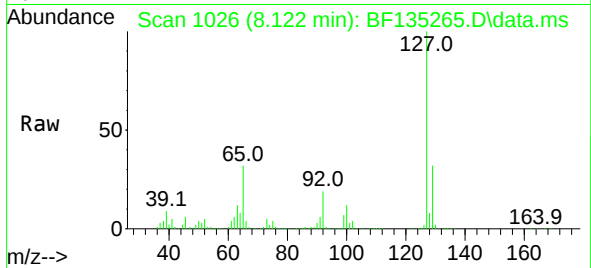
#33
4-Chloroaniline
Concen: 27.268 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

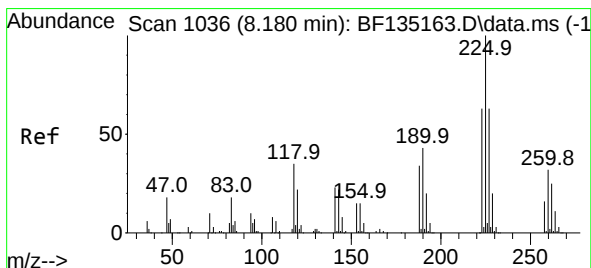
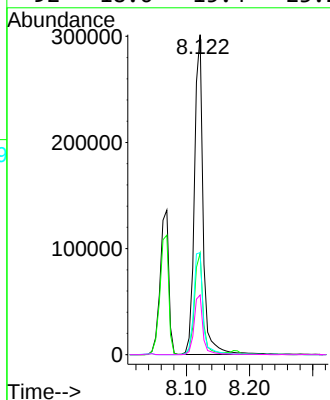
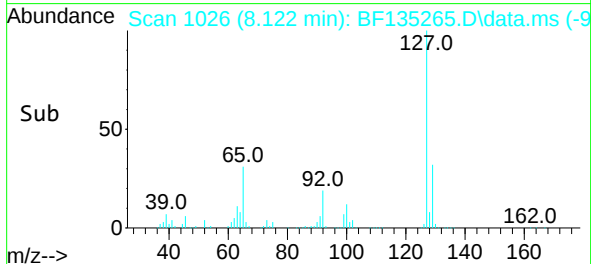


Tgt Ion:127 Resp: 28705
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 31.9 26.6 39.8
92 18.6 15.4 23.2

Manual Integrations

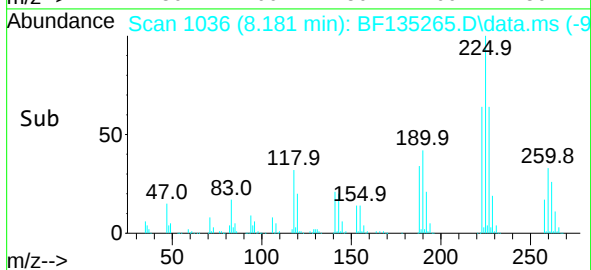
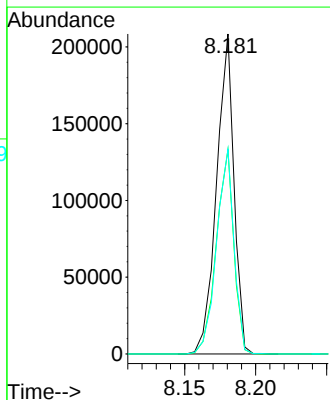
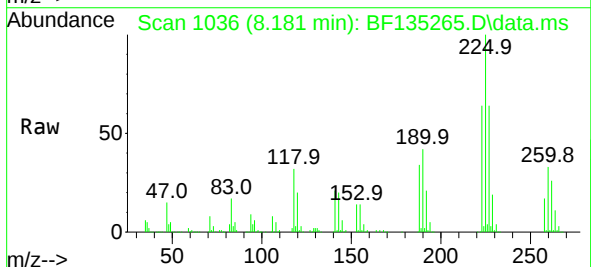
APPROVED

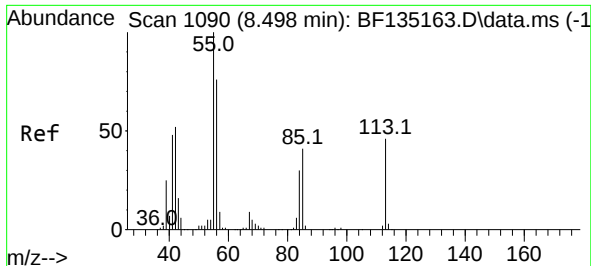
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#34
Hexachlorobutadiene
Concen: 41.957 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

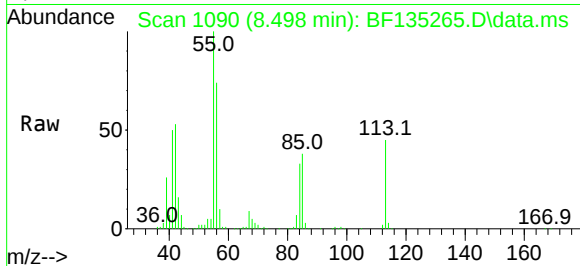
Tgt Ion:225 Resp: 177592
Ion Ratio Lower Upper
225 100
223 63.9 50.6 75.8
227 64.0 50.8 76.2





#35
Caprolactam
Concen: 35.741 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

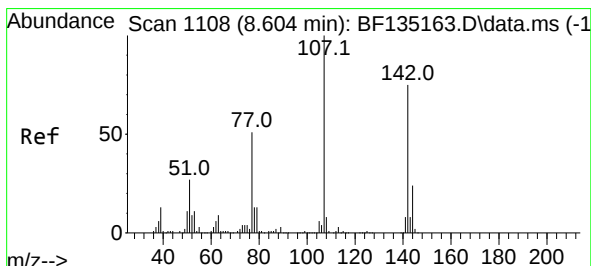
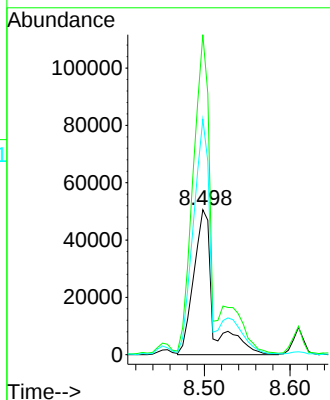
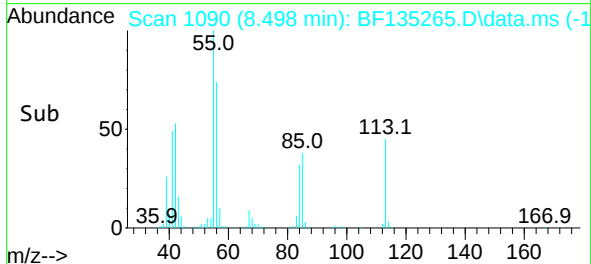
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion:113 Resp: 80560
Ion Ratio Lower Upper
113 100
55 220.7 199.3 239.3
56 162.4 146.3 186.3

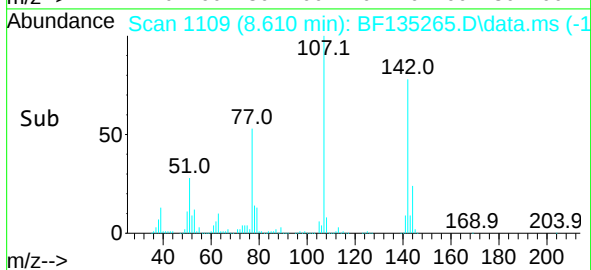
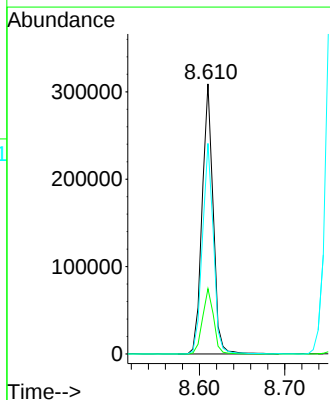
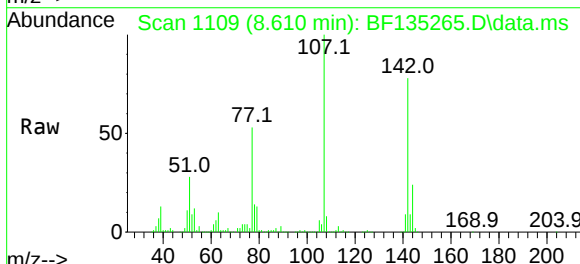
Manual Integrations
APPROVED

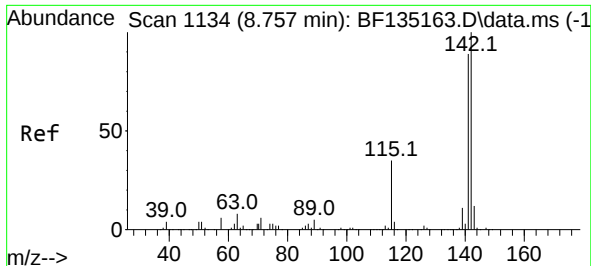
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#36
4-Chloro-3-methylphenol
Concen: 37.262 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

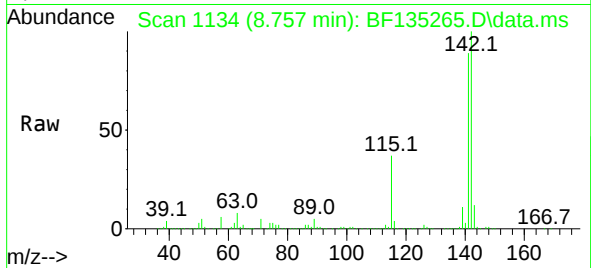
Tgt Ion:107 Resp: 278133
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.4
142 78.0 60.2 90.2





#37
2-Methylnaphthalene
Concen: 37.351 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

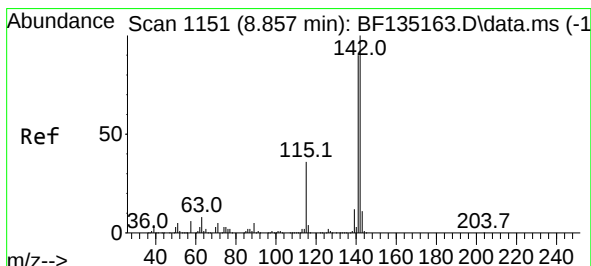
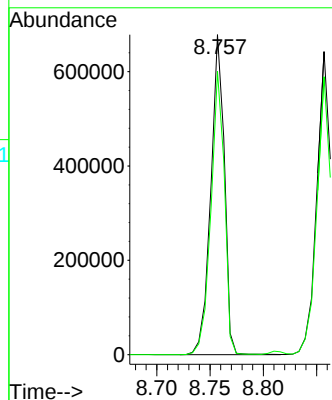
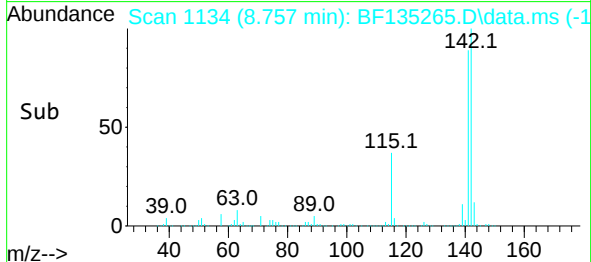
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



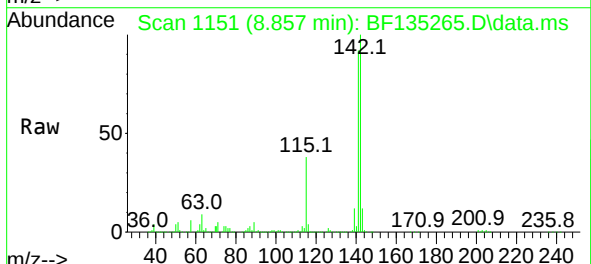
Tgt Ion:142 Resp: 602429
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6

Manual Integrations
APPROVED

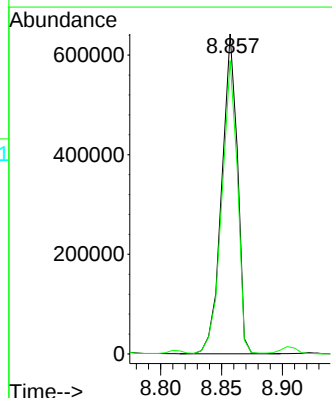
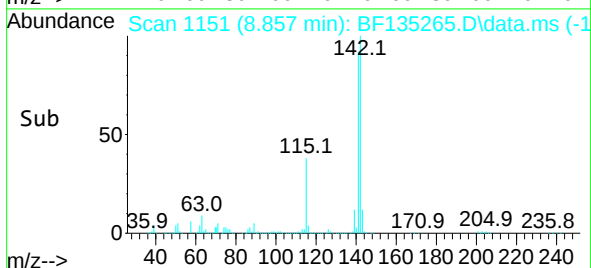
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

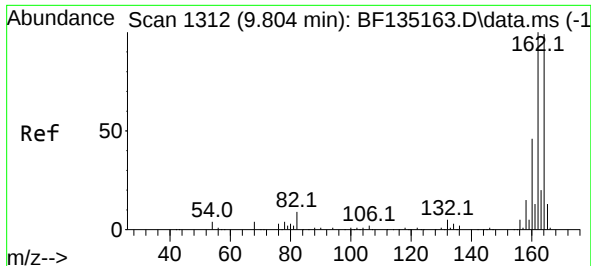


#38
1-Methylnaphthalene
Concen: 38.209 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:142 Resp: 576967
Ion Ratio Lower Upper
142 100
141 91.7 72.4 108.6





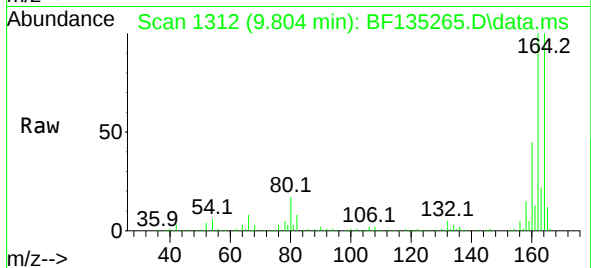
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

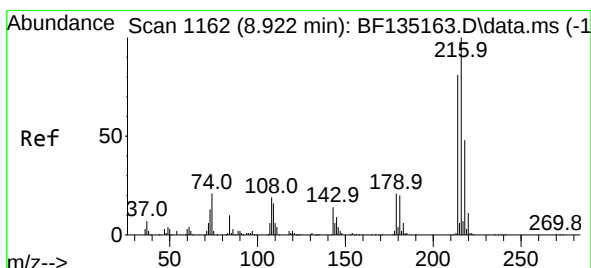
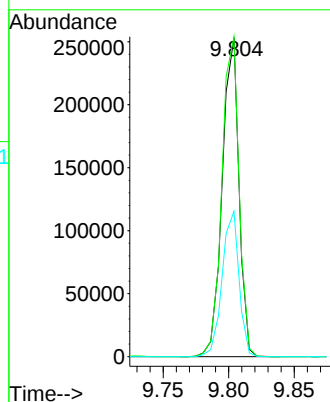
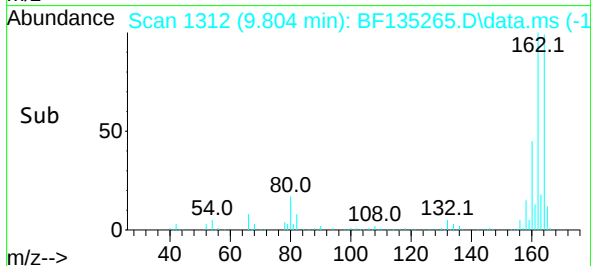


Tgt Ion:164 Resp: 223620
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.6 37.0 55.4

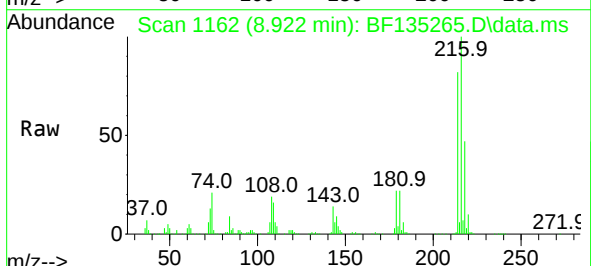
Manual Integrations

APPROVED

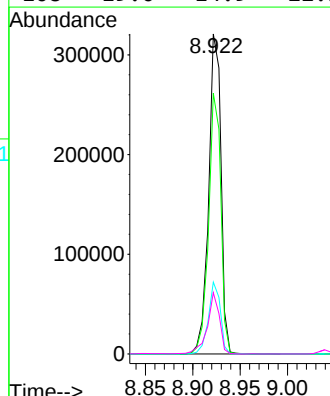
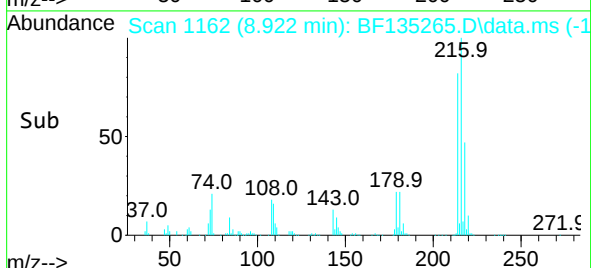
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.631 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



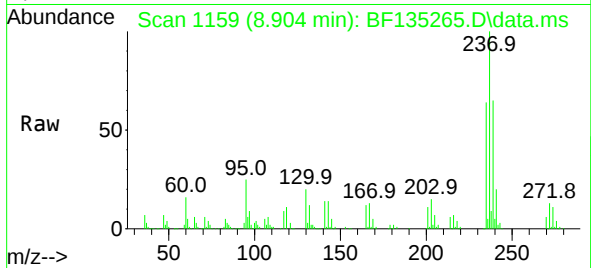
Tgt Ion:216 Resp: 289149
Ion Ratio Lower Upper
216 100
214 80.9 63.7 95.5
179 21.8 16.7 25.1
108 19.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 39.456 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

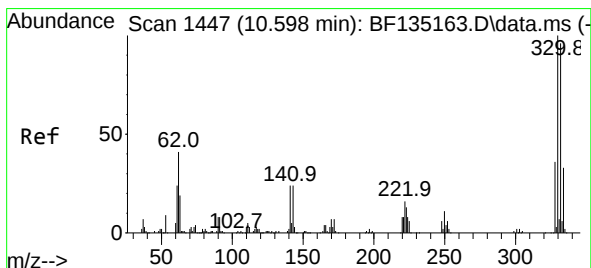
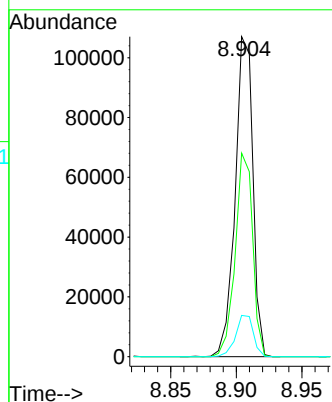
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



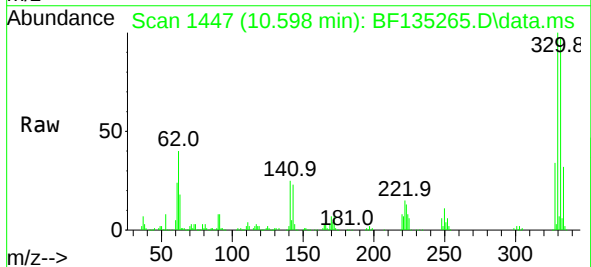
Tgt Ion:237 Resp: 100860
Ion Ratio Lower Upper
237 100
235 63.6 41.8 81.8
272 12.9 0.0 33.6

Manual Integrations
APPROVED

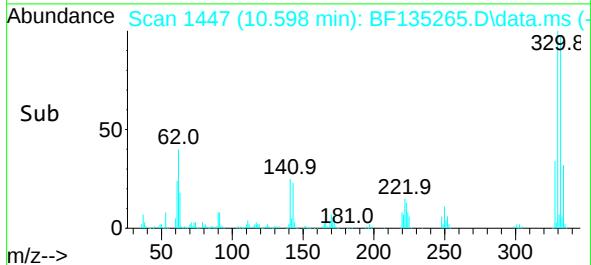
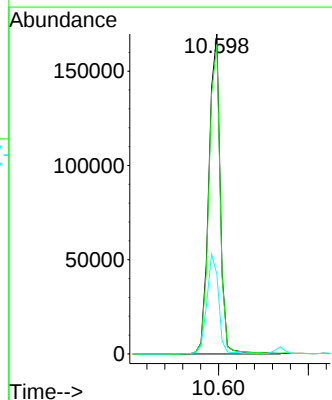
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

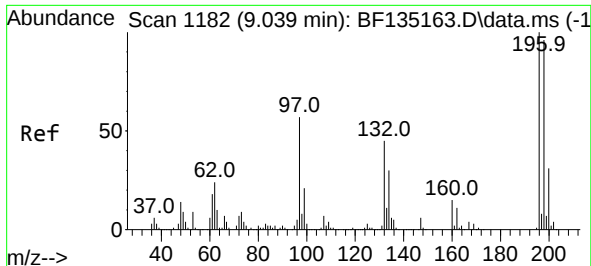


#42
2,4,6-Tribromophenol
Concen: 66.784 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:330 Resp: 148414
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 32.5 25.8 38.8





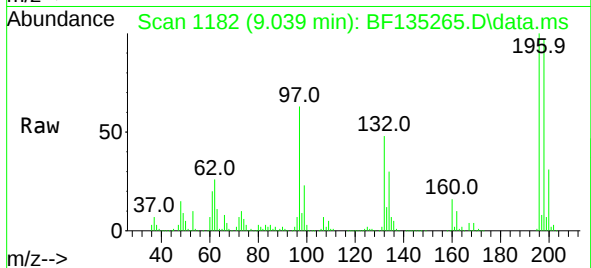
#43
2,4,6-Trichlorophenol
Concen: 41.211 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

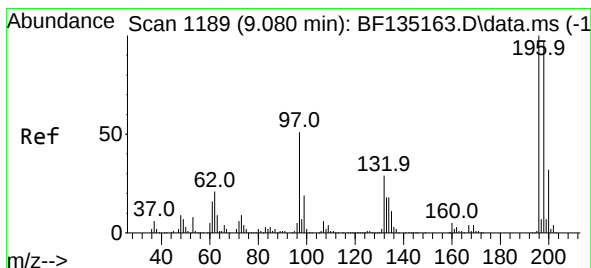
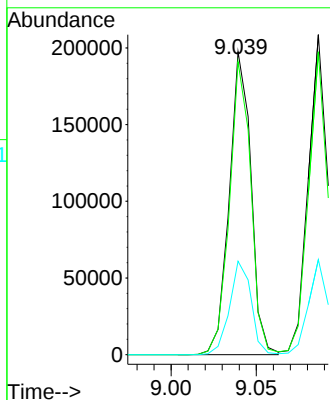
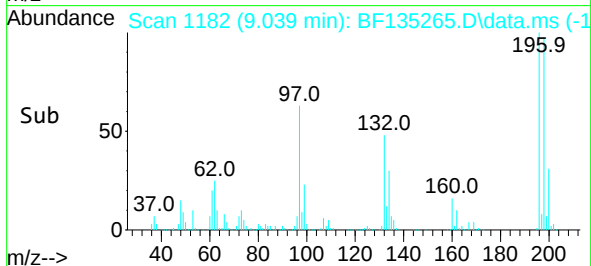


Tgt Ion:196 Resp: 17481
Ion Ratio Lower Upper
196 100
198 96.7 77.0 115.6
200 30.8 24.5 36.7

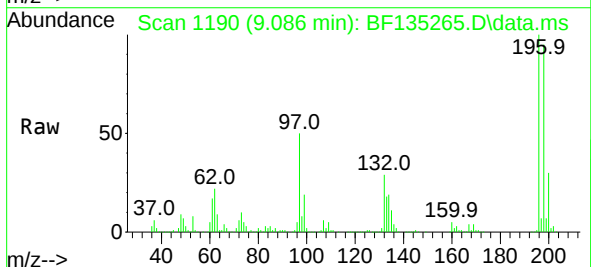
Manual Integrations

APPROVED

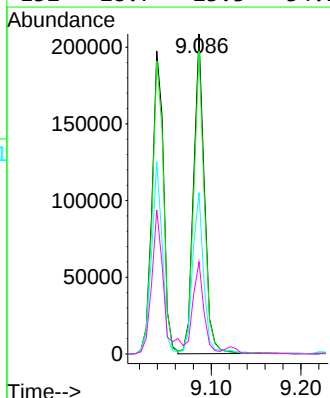
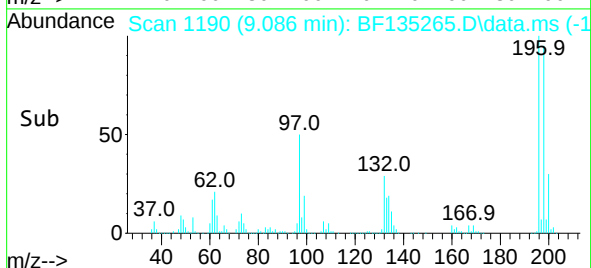
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

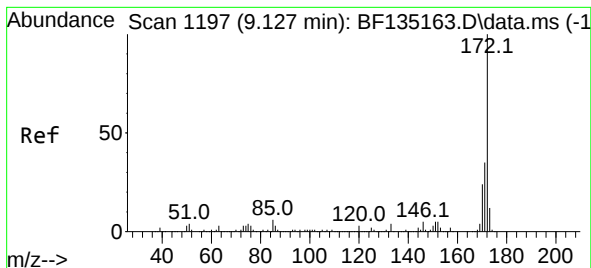


#44
2,4,5-Trichlorophenol
Concen: 35.699 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:196 Resp: 174387
Ion Ratio Lower Upper
196 100
198 94.6 77.5 116.3
97 50.4 40.5 60.7
132 28.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 60.425 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:172 Resp: 895628

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

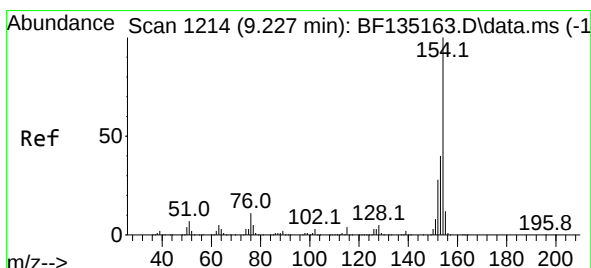
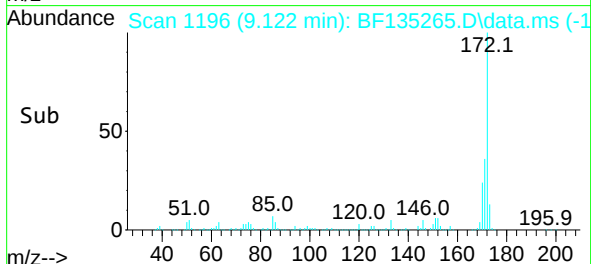
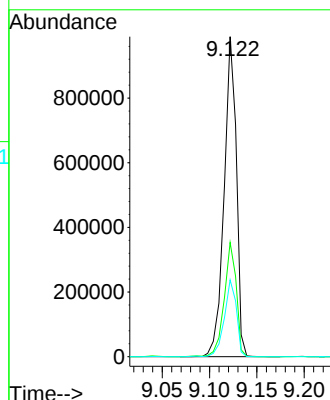
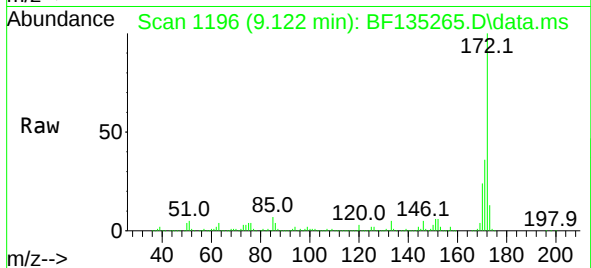
170 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#46

1,1'-Biphenyl

Concen: 44.001 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

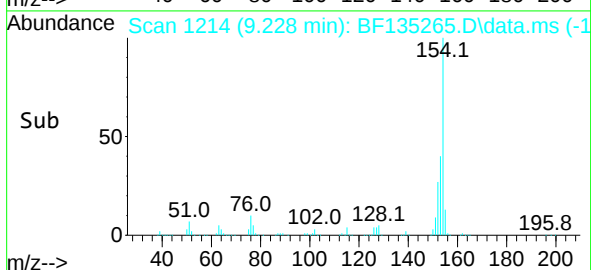
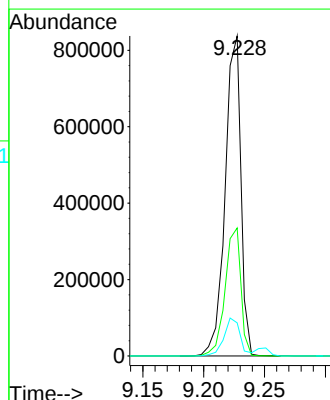
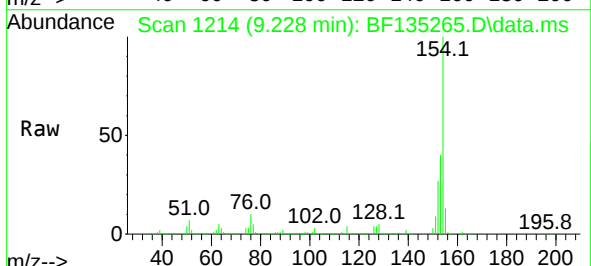
Tgt Ion:154 Resp: 756167

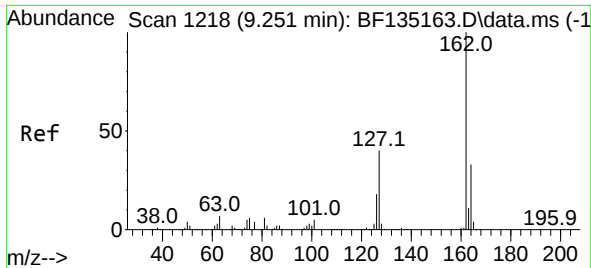
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 10.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 44.398 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:162 Resp: 55359

Ion Ratio Lower Upper

162 100

127 41.4 32.6 48.8

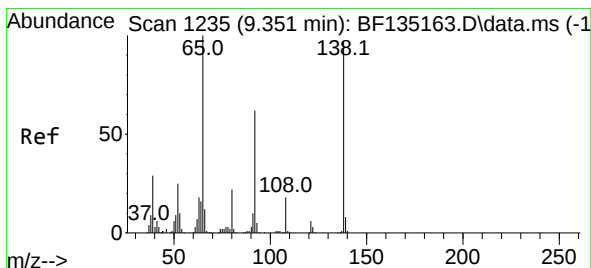
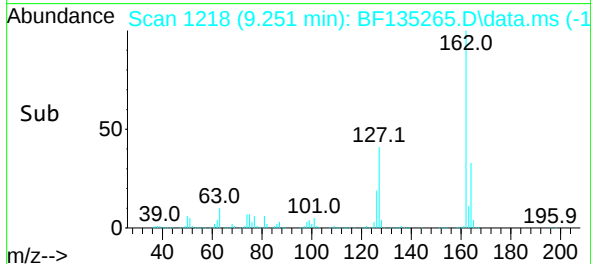
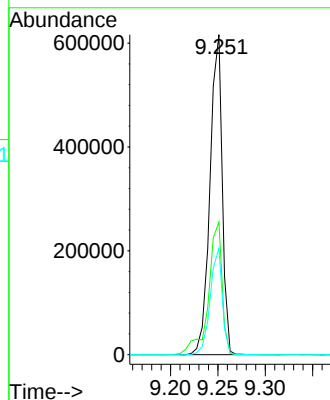
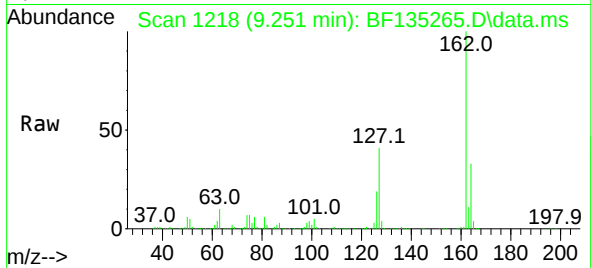
164 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#48

2-Nitroaniline

Concen: 40.447 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

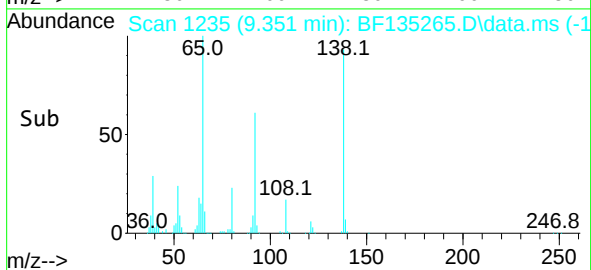
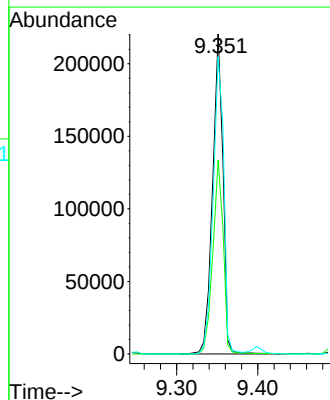
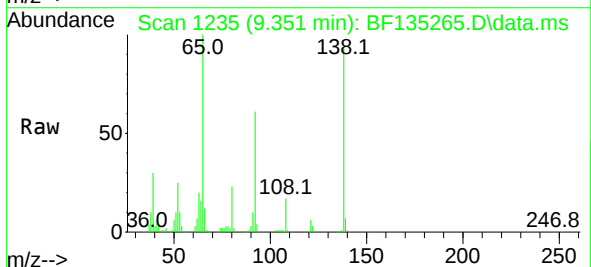
Tgt Ion: 65 Resp: 195933

Ion Ratio Lower Upper

65 100

92 60.6 49.4 74.0

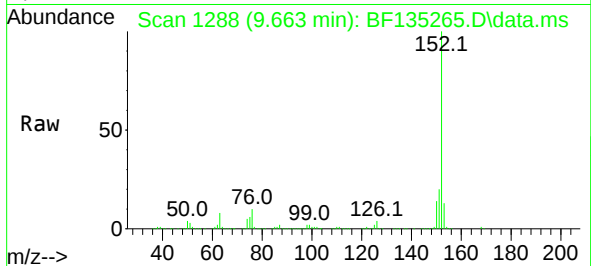
138 92.9 77.4 116.0





#49
Acenaphthylene
Concen: 41.990 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

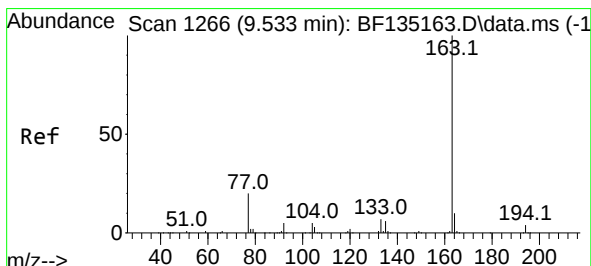
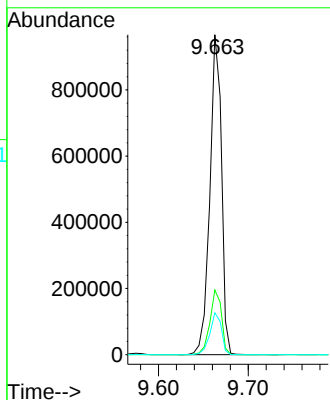
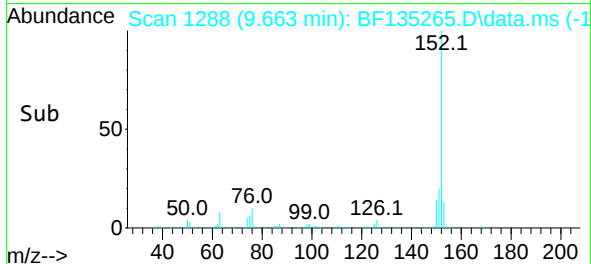
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



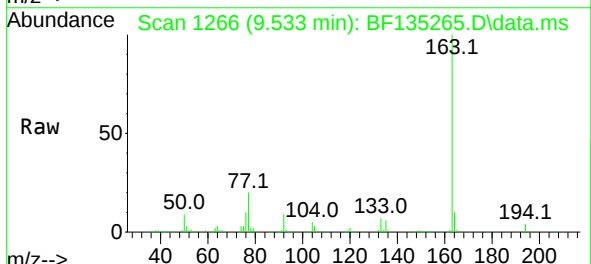
Tgt Ion:152 Resp: 870140
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.1 10.4 15.6

Manual Integrations
APPROVED

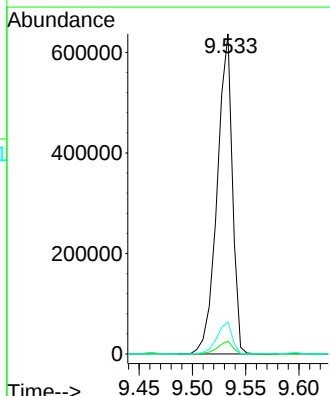
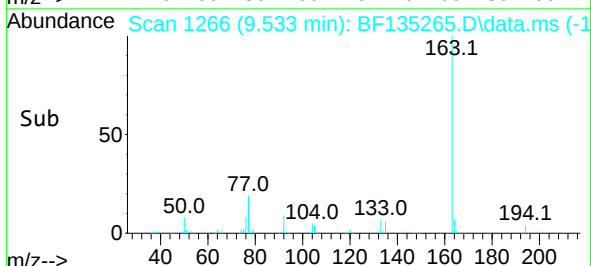
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

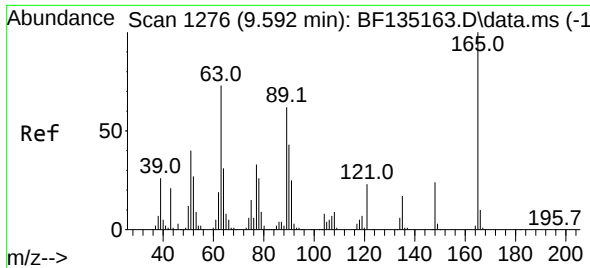


#50
Dimethylphthalate
Concen: 41.720 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:163 Resp: 630779
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.1 12.1





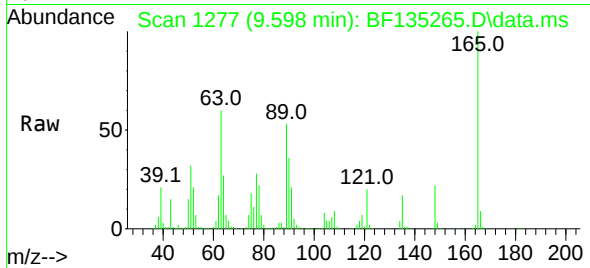
#51
2,6-Dinitrotoluene
Concen: 40.571 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

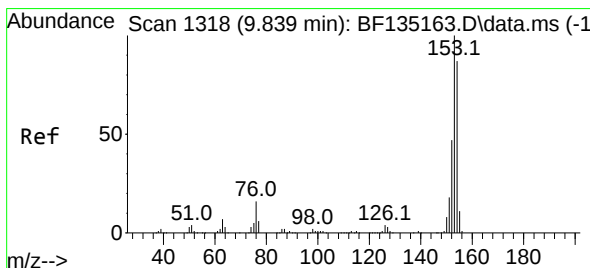
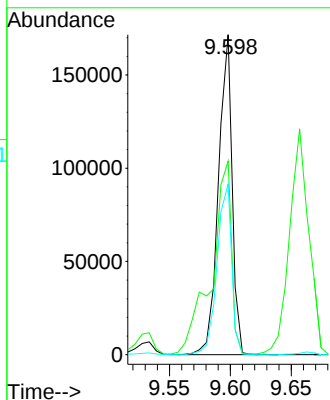
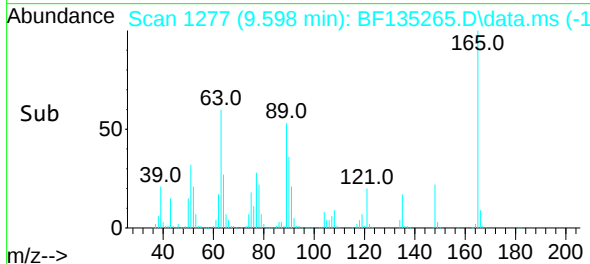


Tgt Ion:165 Resp: 13437
Ion Ratio Lower Upper
165 100
63 60.5 59.4 89.2
89 53.3 49.8 74.8

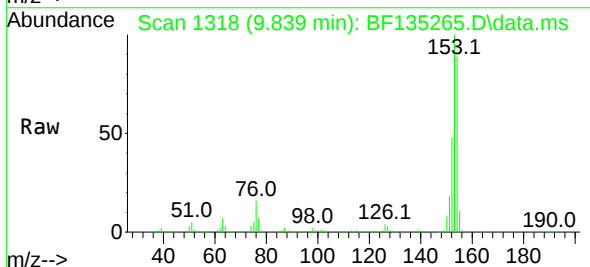
Manual Integrations

APPROVED

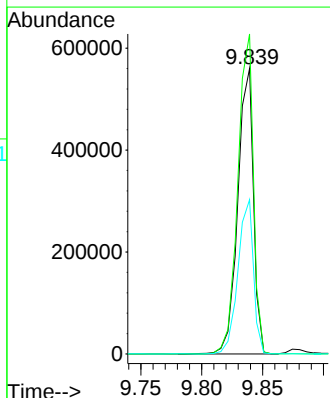
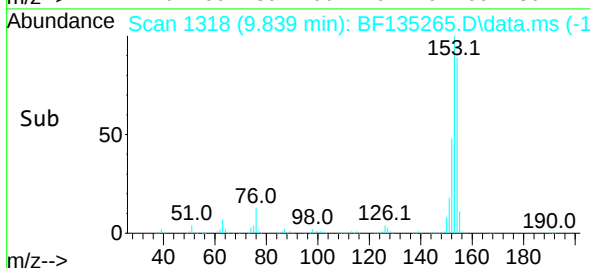
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

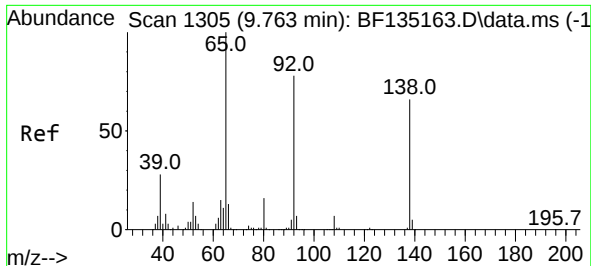


#52
Acenaphthene
Concen: 41.008 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:154 Resp: 502002
Ion Ratio Lower Upper
154 100
153 112.1 92.1 138.1
152 54.0 43.1 64.7





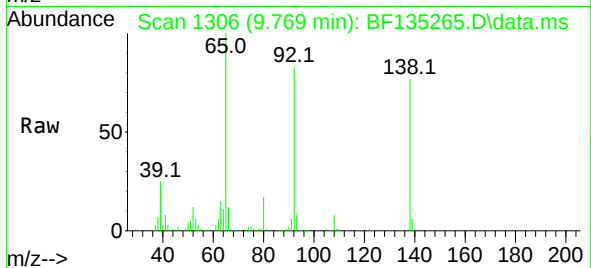
#53
3-Nitroaniline
Concen: 34.462 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

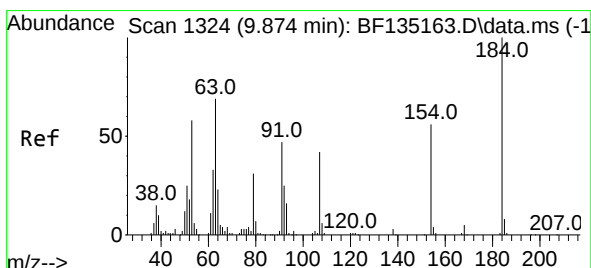
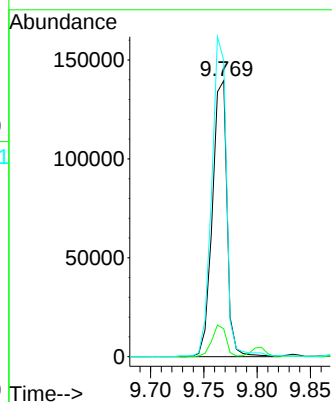
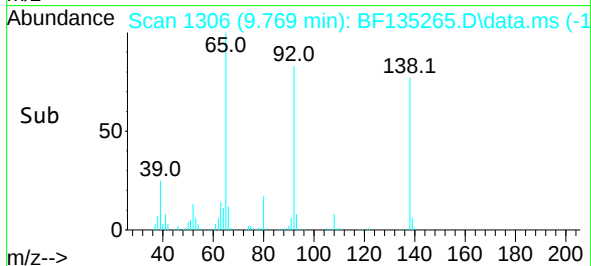
72-11930MSD



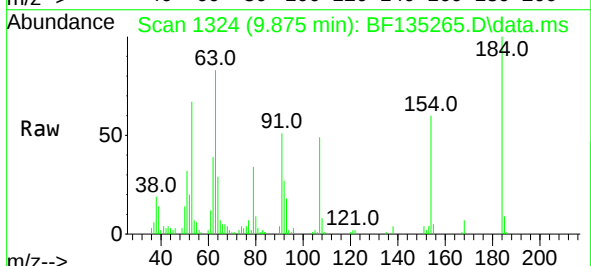
Tgt Ion:138 Resp: 13398
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 107.4 95.4 143.0

Manual Integrations
APPROVED

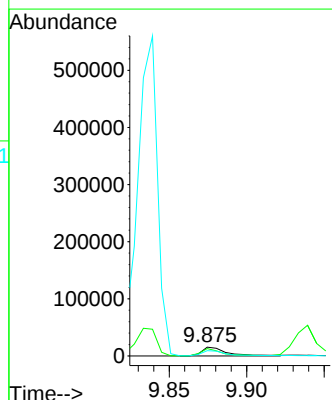
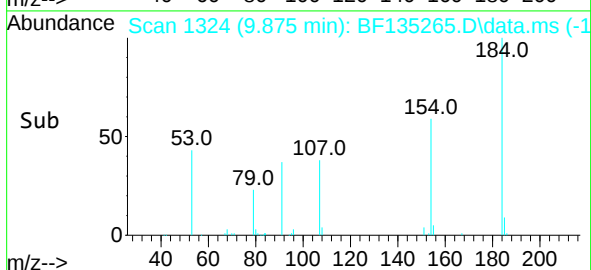
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

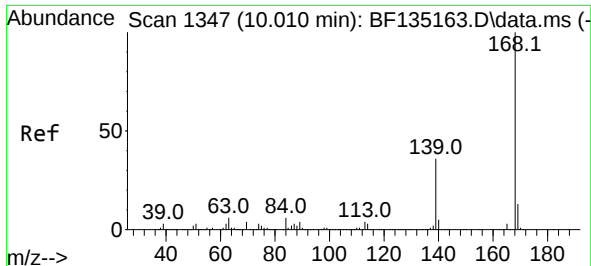


#54
2,4-Dinitrophenol
Concen: 14.838 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:184 Resp: 17520
Ion Ratio Lower Upper
184 100
63 83.1 55.1 82.7#
154 60.3 48.4 72.6





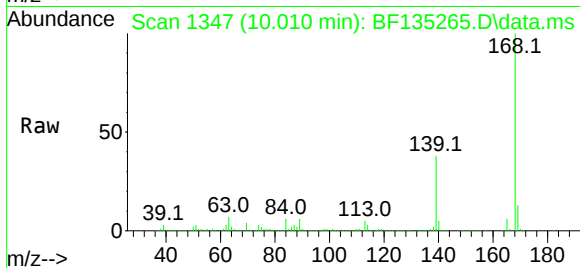
#55
Dibenzenofuran
Concen: 40.201 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



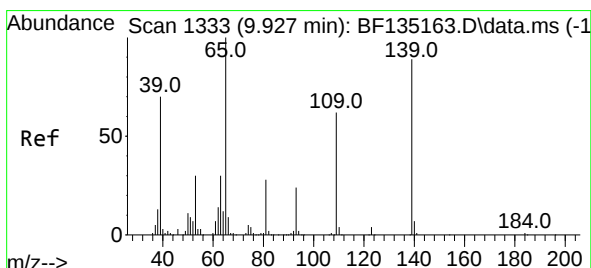
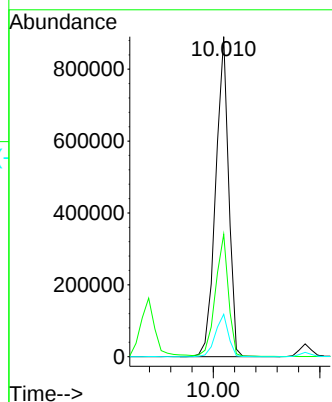
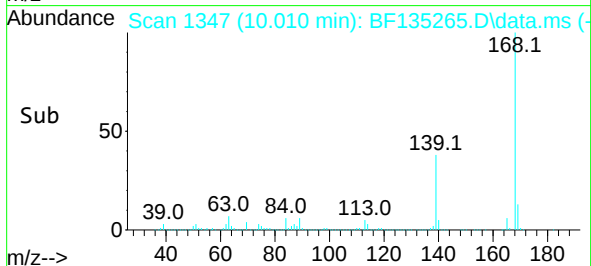
Tgt Ion:168 Resp: 750985
Ion Ratio Lower Upper
168 100
139 38.3 29.0 43.6
169 13.2 10.4 15.6

Manual Integrations

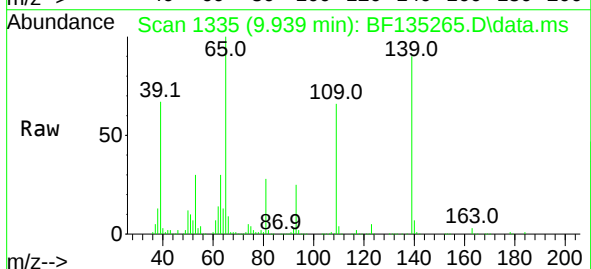
APPROVED

Reviewed By :Yogesh Patel 09/15/2023

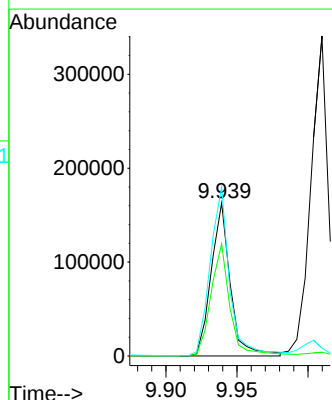
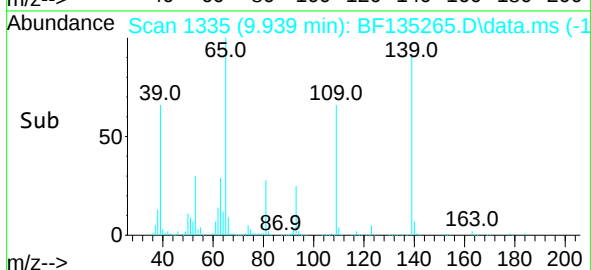
Supervised By :mohammad ahmed 09/15/2023

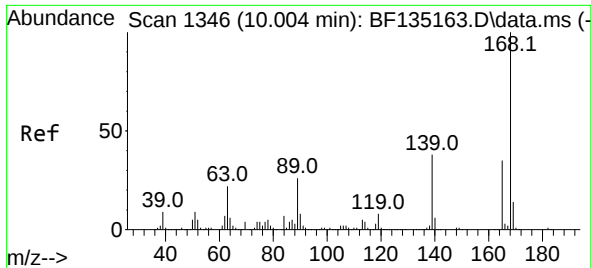


#56
4-Nitrophenol
Concen: 61.899 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:139 Resp: 152951
Ion Ratio Lower Upper
139 100
109 73.3 49.8 89.8
65 110.5 92.7 132.7





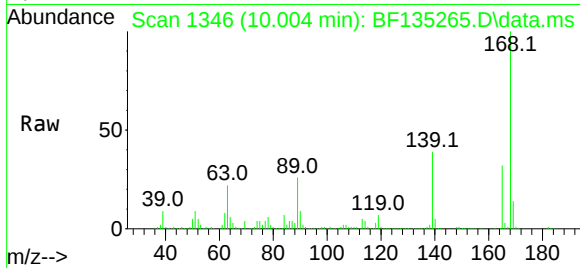
#57
2,4-Dinitrotoluene
Concen: 38.724 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



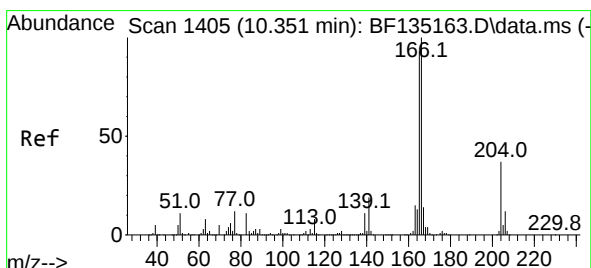
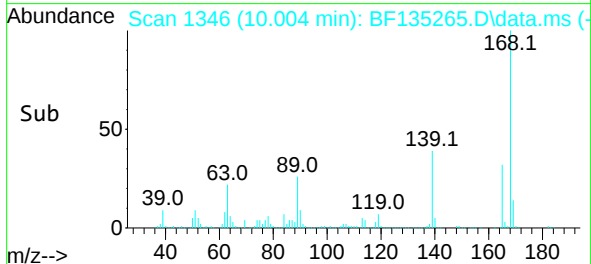
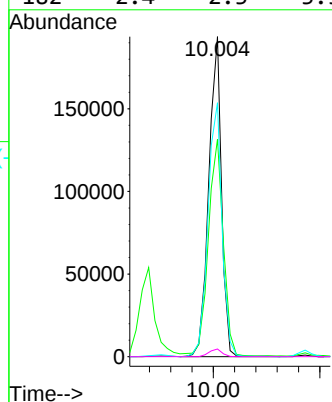
Tgt Ion:165 Resp: 160572
Ion Ratio Lower Upper
165 100
63 68.0 50.1 75.1
89 79.3 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations

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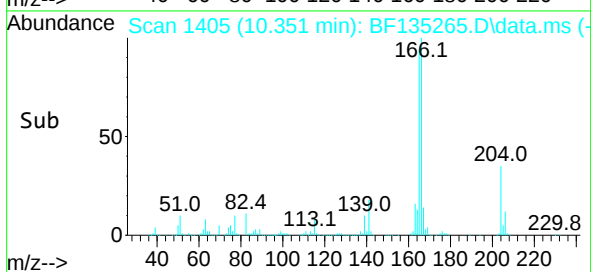
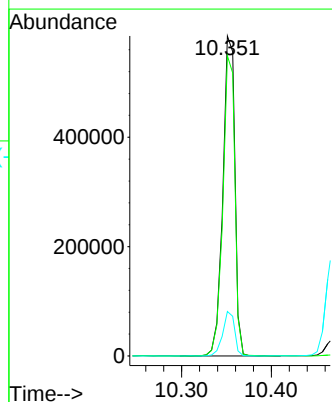
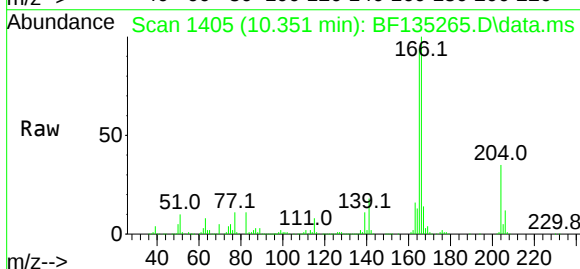
Reviewed By :Yogesh Patel 09/15/2023

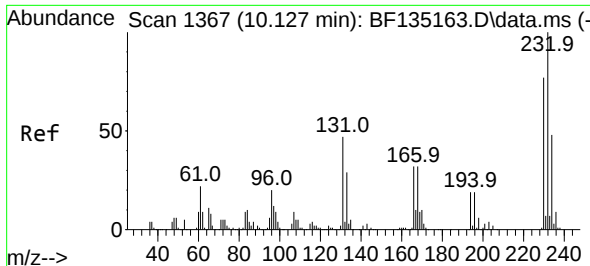
Supervised By :mohammad ahmed 09/15/2023



#58
Fluorene
Concen: 38.053 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

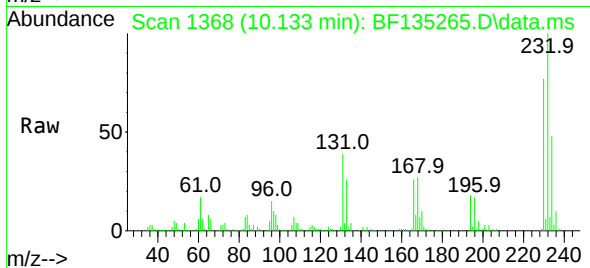
Tgt Ion:166 Resp: 546482
Ion Ratio Lower Upper
166 100
165 93.8 74.3 111.5
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 31.998 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

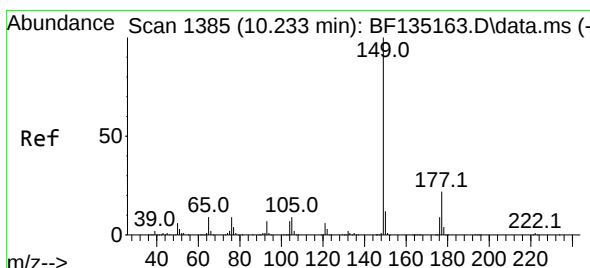
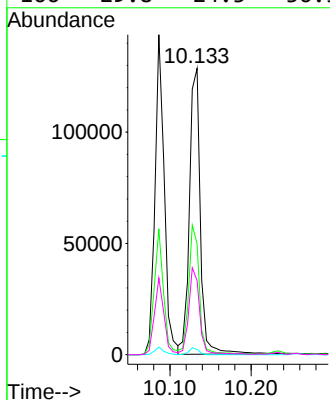
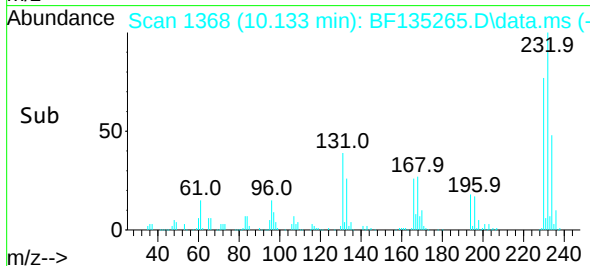
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion:232 Resp: 120240
Ion Ratio Lower Upper
232 100
131 43.2 35.4 53.2
130 2.1 1.8 2.8
166 29.8 24.3 36.5

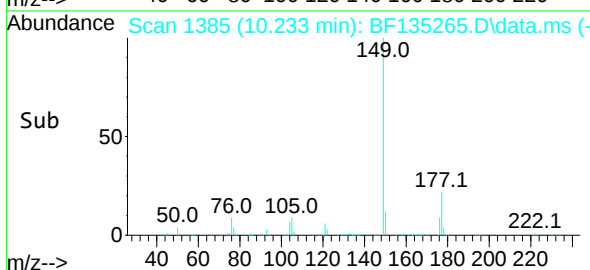
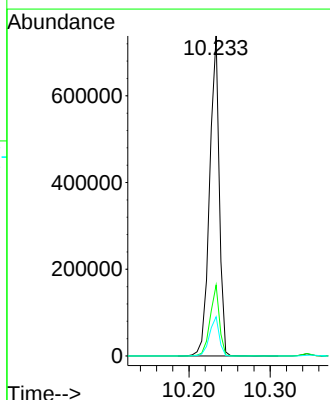
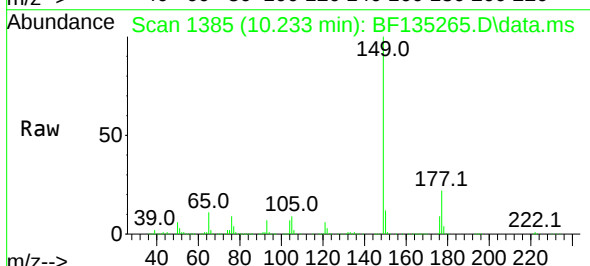
Manual Integrations
APPROVED

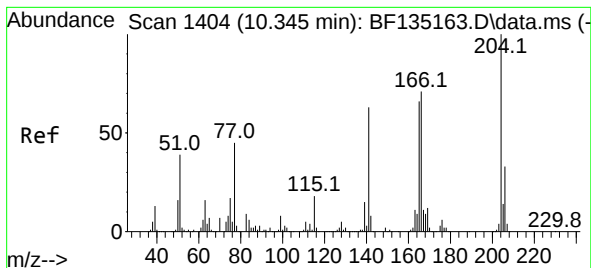
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#60
Diethylphthalate
Concen: 39.968 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

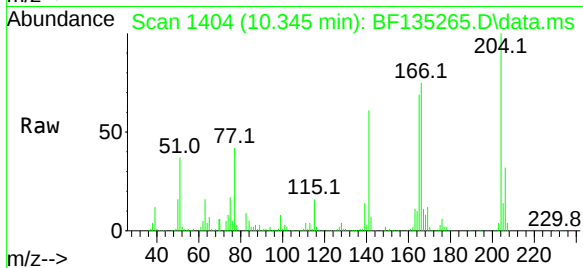
Tgt Ion:149 Resp: 606464
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.878 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

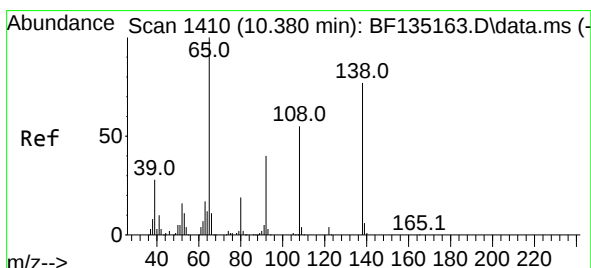
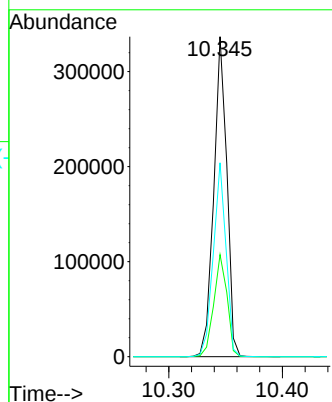
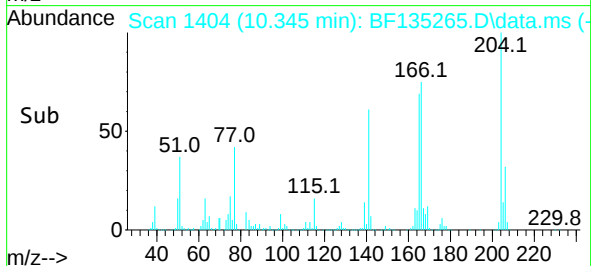
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion:204 Resp: 26820
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 60.6 50.6 75.8

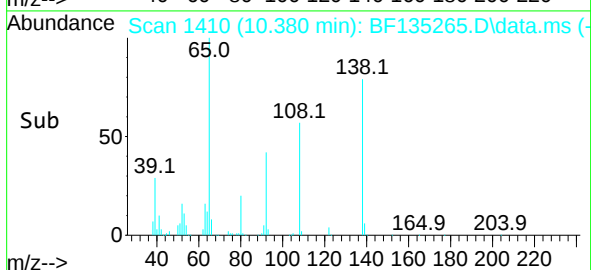
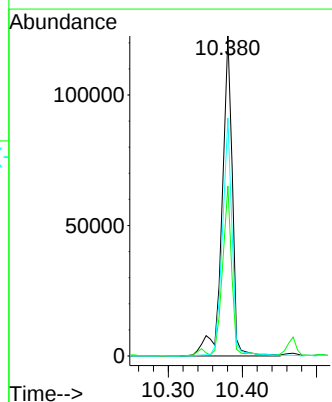
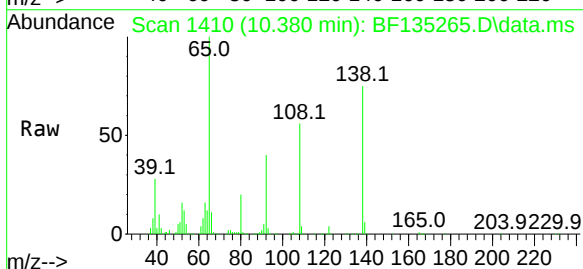
Manual Integrations
APPROVED

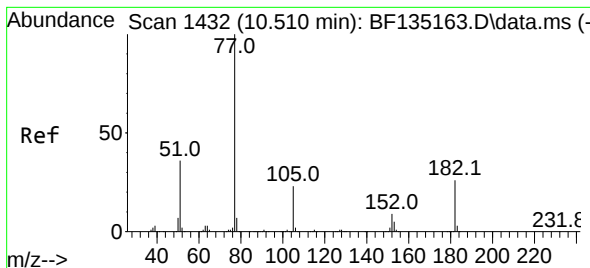
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#62
4-Nitroaniline
Concen: 31.790 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

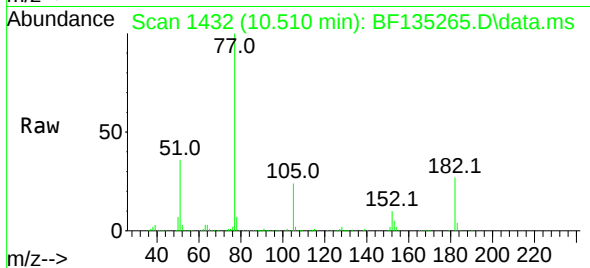
Tgt Ion:138 Resp: 118806
Ion Ratio Lower Upper
138 100
92 53.1 31.8 71.8
108 74.3 52.0 92.0





#63
Azobenzene
Concen: 37.292 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

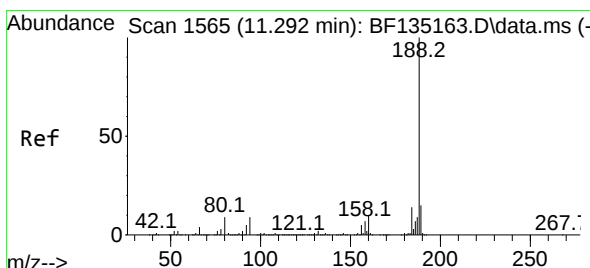
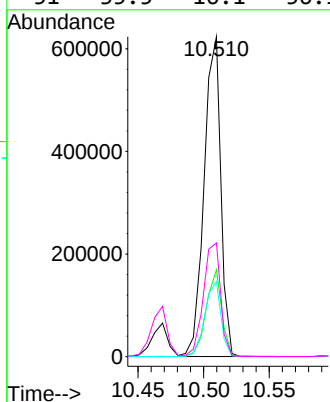
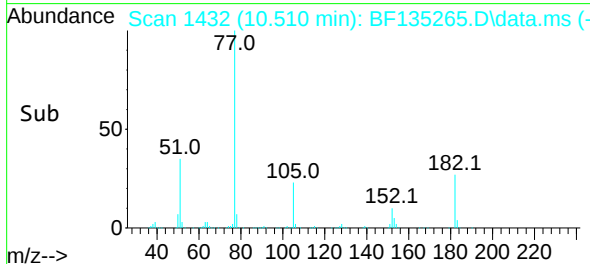
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



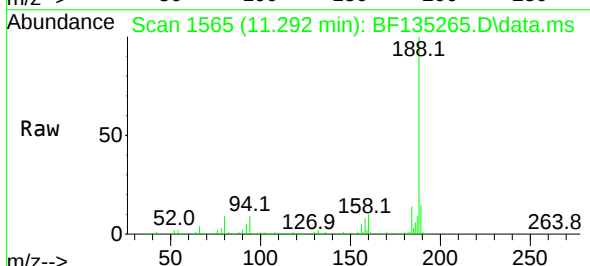
Tgt Ion: 77 Resp: 553794
Ion Ratio Lower Upper
77 100
182 27.2 6.4 46.4
105 23.5 3.1 43.1
51 35.5 16.1 56.1

Manual Integrations
APPROVED

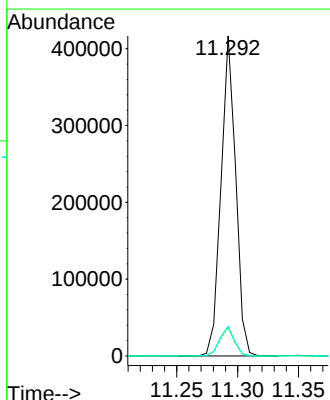
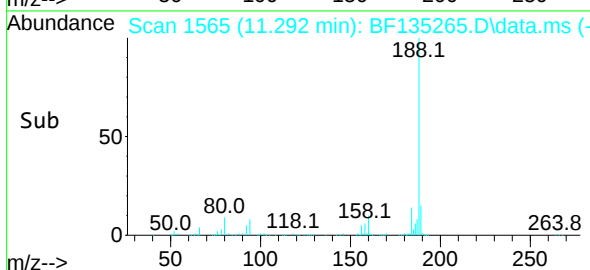
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

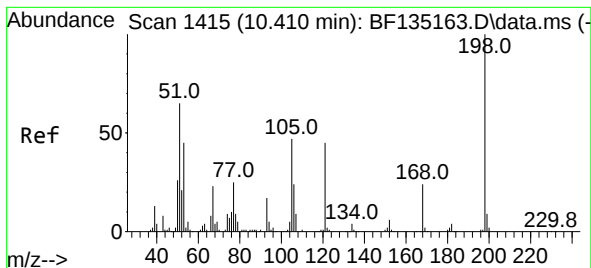


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:188 Resp: 350826
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.3 7.5 11.3





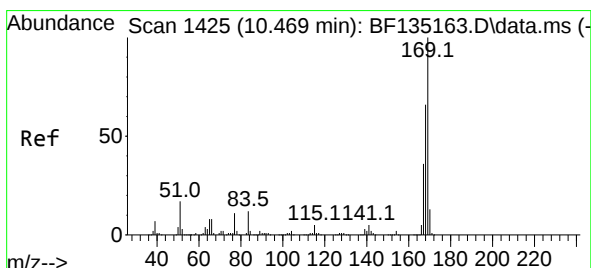
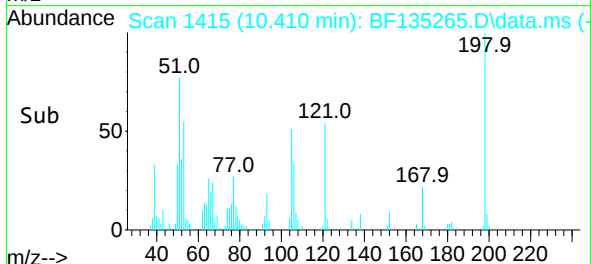
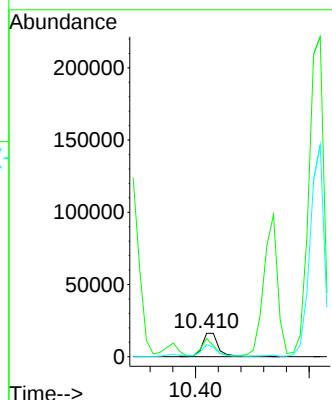
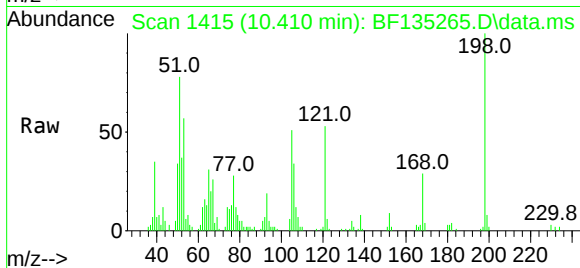
#65
4,6-Dinitro-2-methylphenol
Concen: 8.524 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Tgt Ion:198 Resp: 15884
Ion Ratio Lower Upper
198 100
51 77.7 47.7 87.7
105 51.1 27.4 67.4

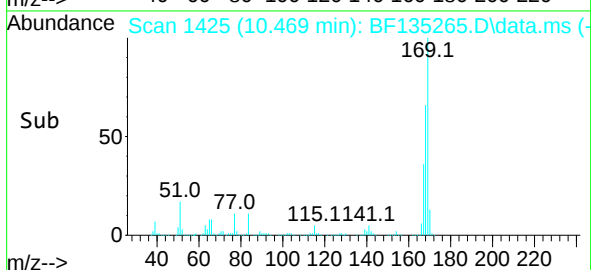
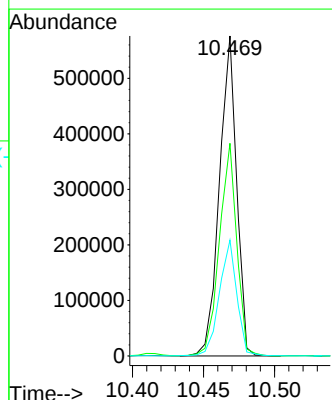
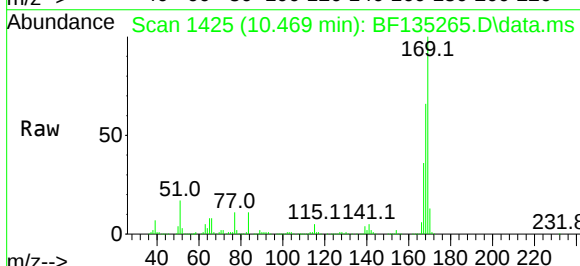
Manual Integrations
APPROVED

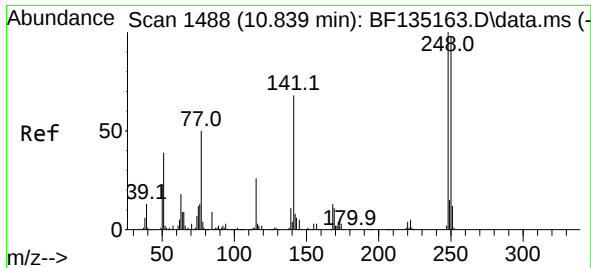
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#66
n-Nitrosodiphenylamine
Concen: 45.650 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

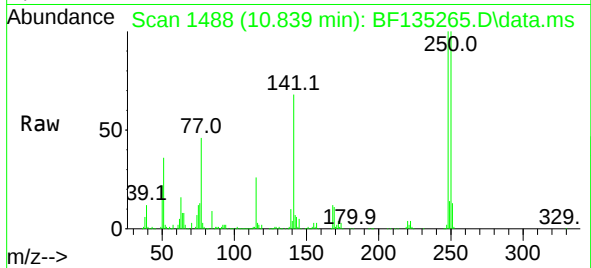
Tgt Ion:169 Resp: 484850
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.838 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

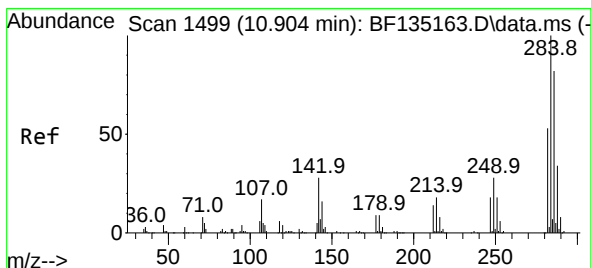
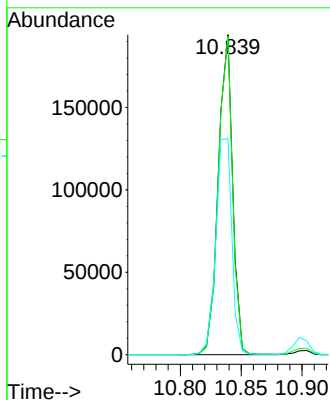
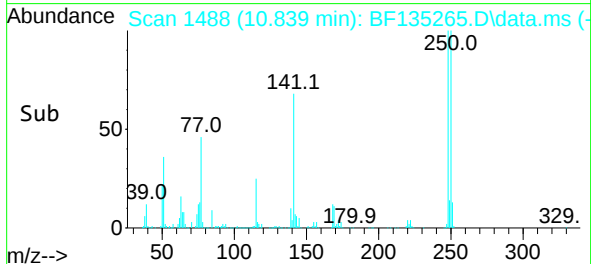
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



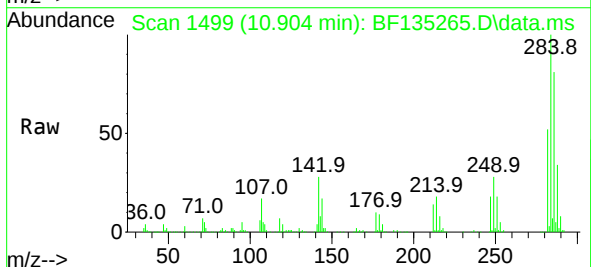
Tgt Ion:248 Resp: 159938
Ion Ratio Lower Upper
248 100
250 99.5 78.6 117.8
141 67.6 54.2 81.2

Manual Integrations
APPROVED

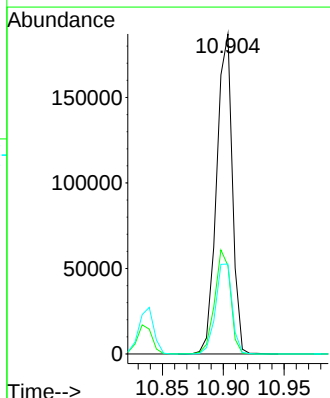
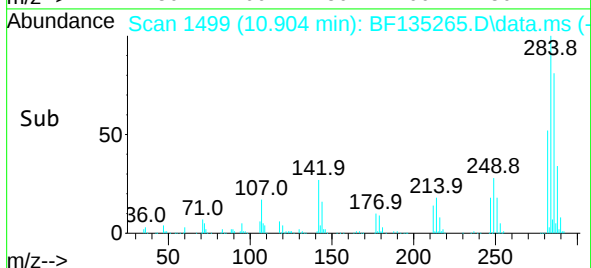
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

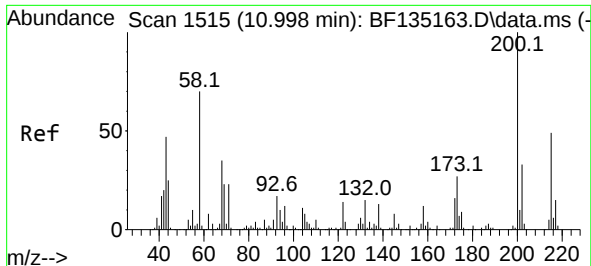


#68
Hexachlorobenzene
Concen: 47.429 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:284 Resp: 168595
Ion Ratio Lower Upper
284 100
142 27.6 22.2 33.4
249 28.1 22.5 33.7





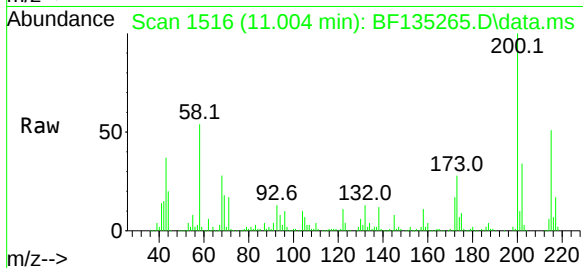
#69
 Atrazine
 Concen: 49.959 ng
 RT: 11.004 min Scan# 1516
 Delta R.T. 0.006 min
 Lab File: BF135265.D
 Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

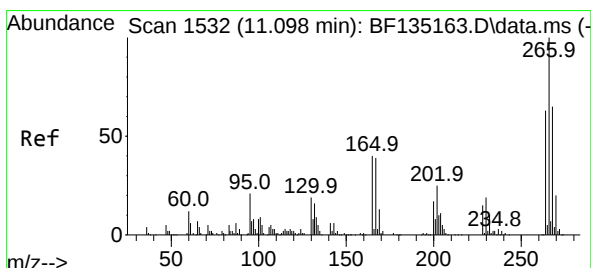
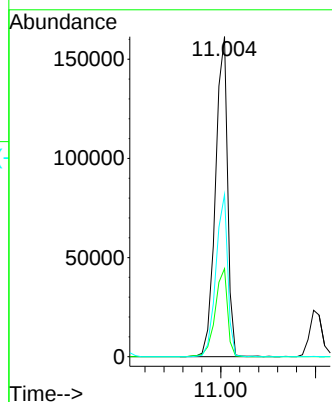
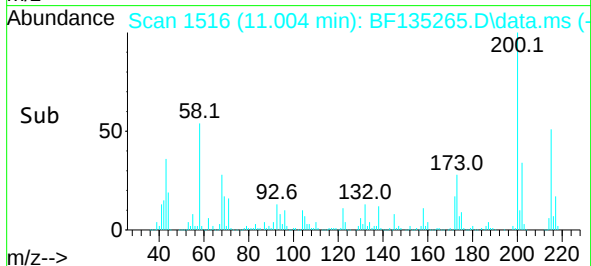


Tgt Ion:200 Resp: 142774
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.4 47.4
 215 50.6 28.6 68.6

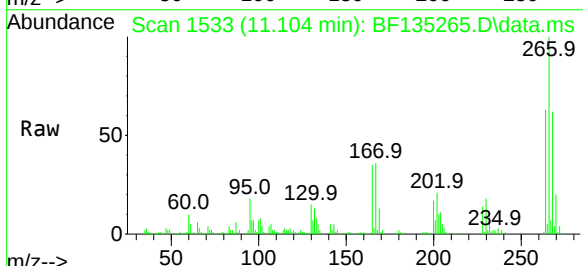
Manual Integrations

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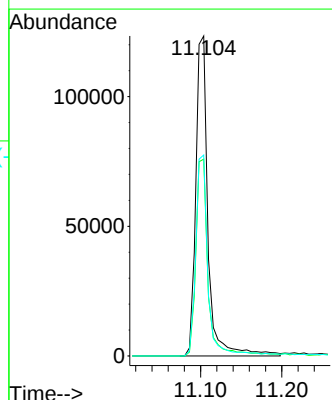
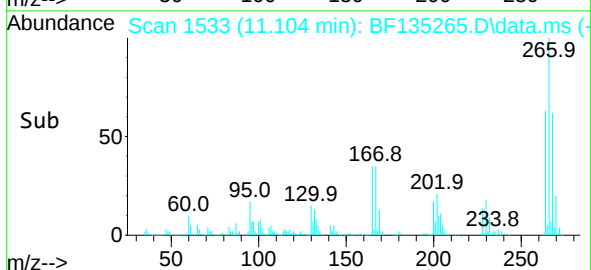
Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

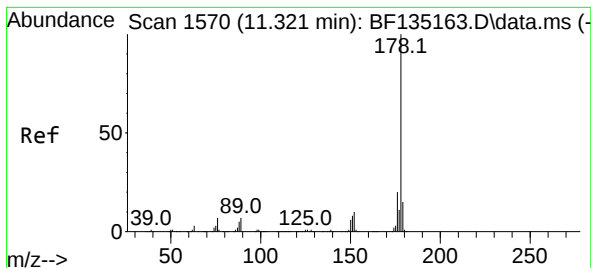


#70
 Pentachlorophenol
 Concen: 61.171 ng
 RT: 11.104 min Scan# 1533
 Delta R.T. 0.006 min
 Lab File: BF135265.D
 Acq: 14 Sep 2023 21:09



Tgt Ion:266 Resp: 130097
 Ion Ratio Lower Upper
 266 100
 268 61.5 52.1 78.1
 264 62.8 50.8 76.2





#71

Phenanthrene

Concen: 45.372 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:178 Resp: 75283

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

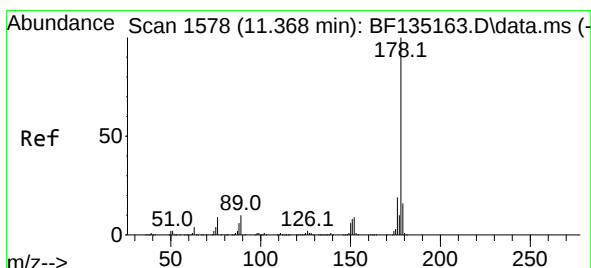
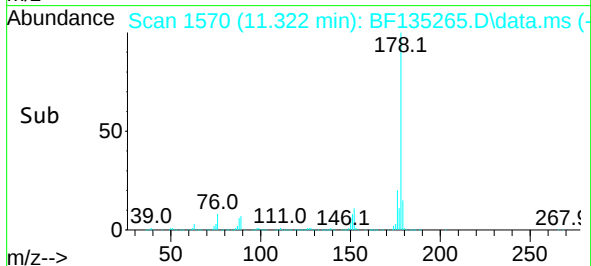
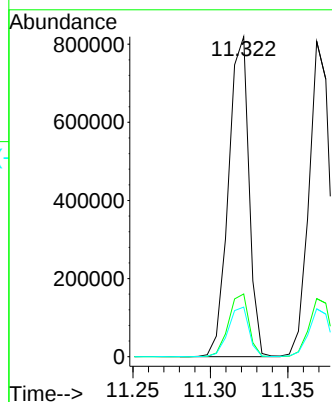
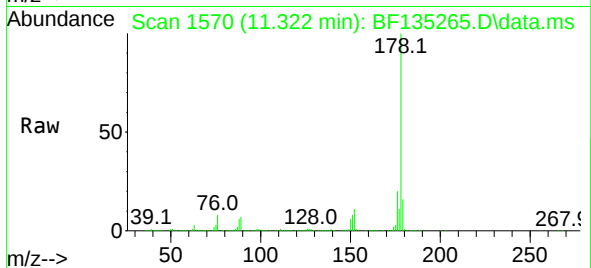
179 15.5 12.0 18.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#72

Anthracene

Concen: 42.853 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

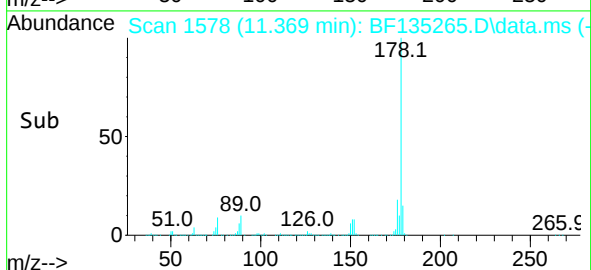
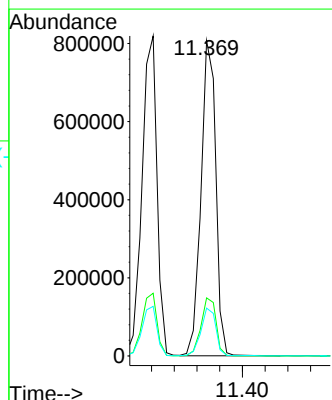
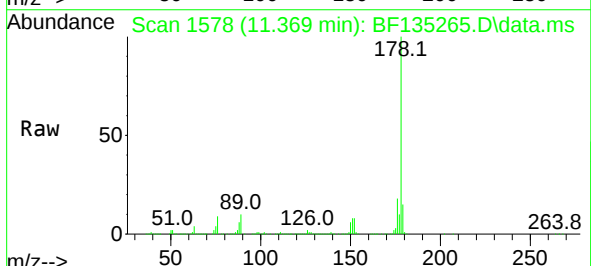
Tgt Ion:178 Resp: 730875

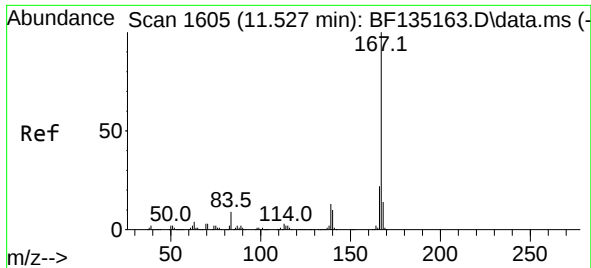
Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

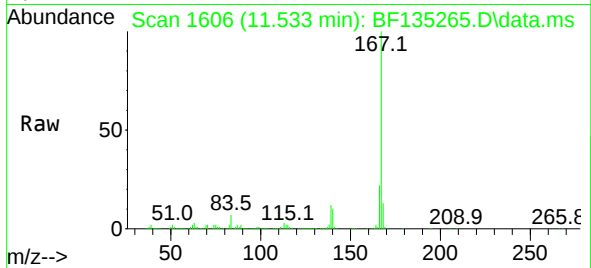
179 15.2 12.6 19.0





#73
 Carbazole
 Concen: 41.457 ng
 RT: 11.533 min Scan# 1606
 Delta R.T. 0.006 min
 Lab File: BF135265.D
 Acq: 14 Sep 2023 21:09

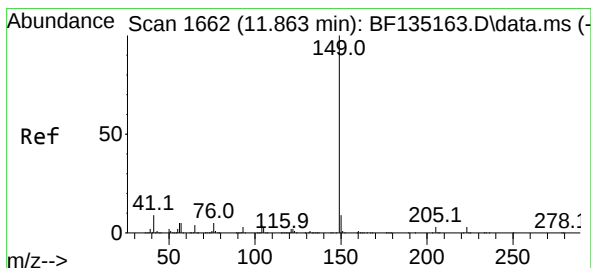
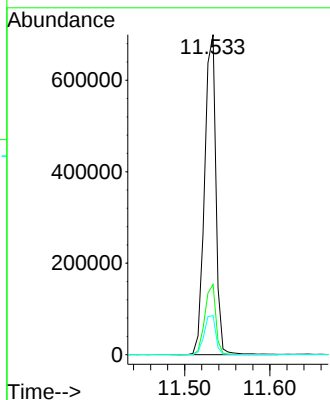
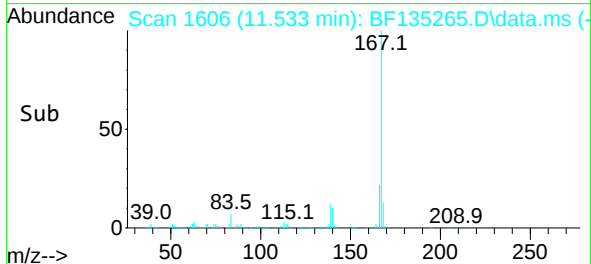
Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD



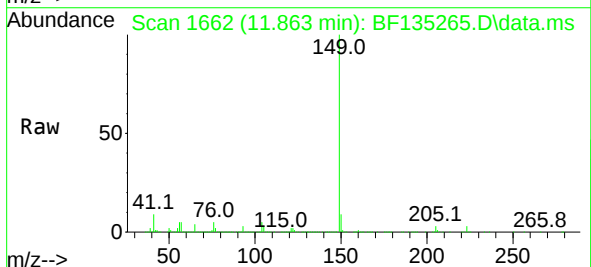
Tgt Ion:167 Resp: 643654
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.2 10.6 15.8

Manual Integrations
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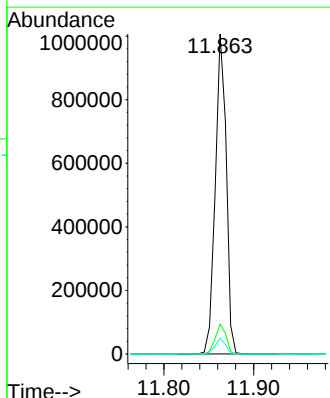
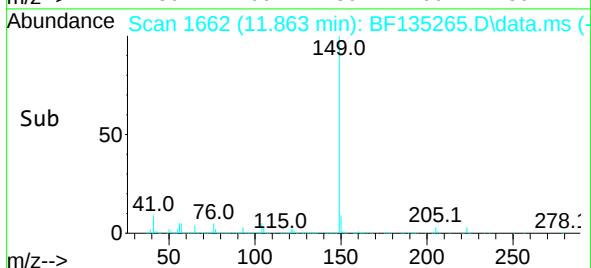
Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

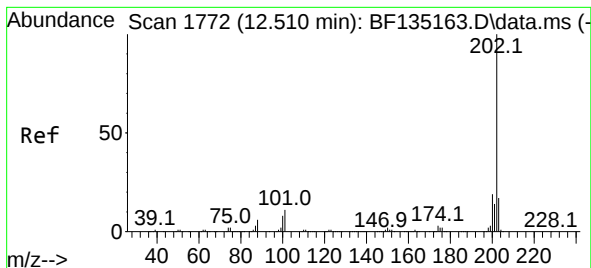


#74
 Di-n-butylphthalate
 Concen: 46.555 ng
 RT: 11.863 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF135265.D
 Acq: 14 Sep 2023 21:09



Tgt Ion:149 Resp: 851722
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 47.206 ng

RT: 12.516 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:202 Resp: 81616

Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.3

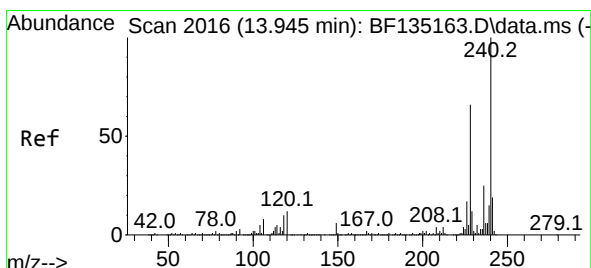
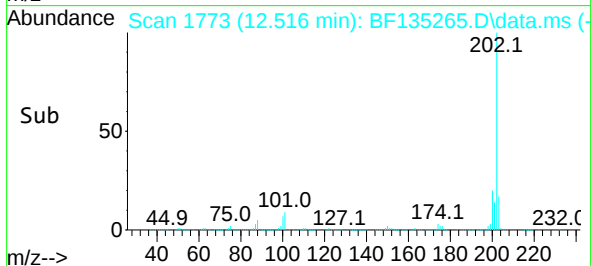
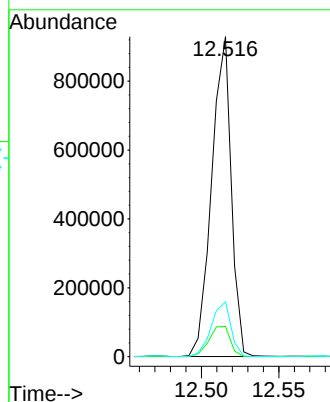
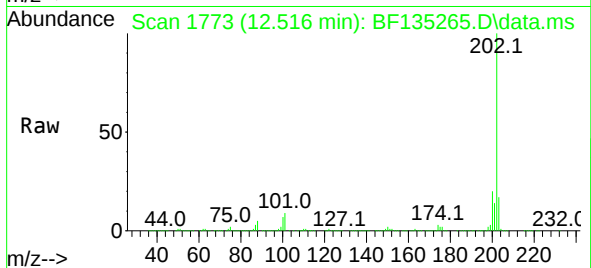
203 17.1 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

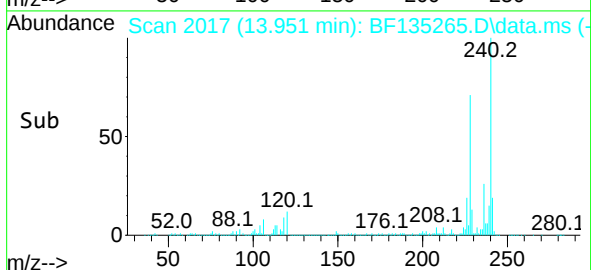
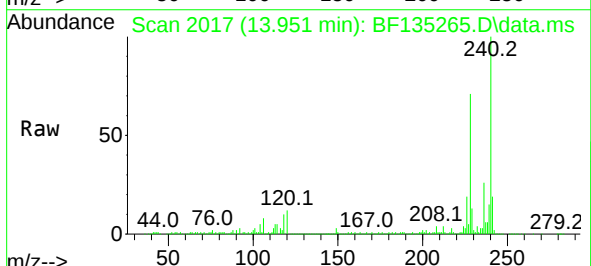
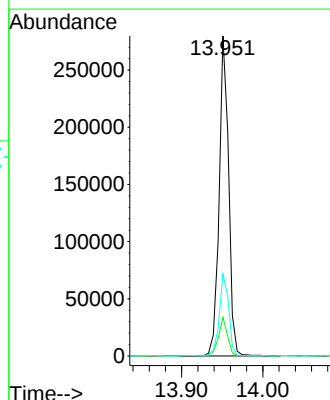
Tgt Ion:240 Resp: 226683

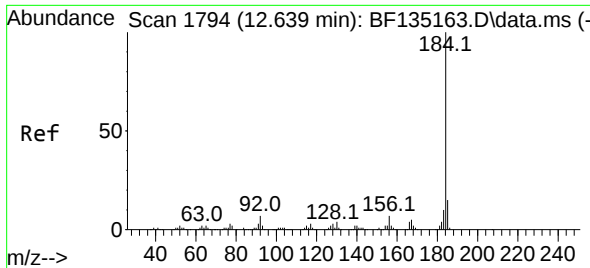
Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

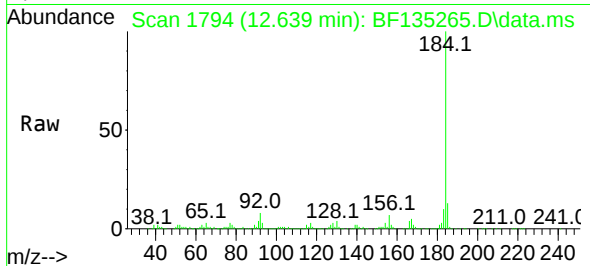
236 25.6 19.8 29.8





#77
Benzidine
Concen: 46.331 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

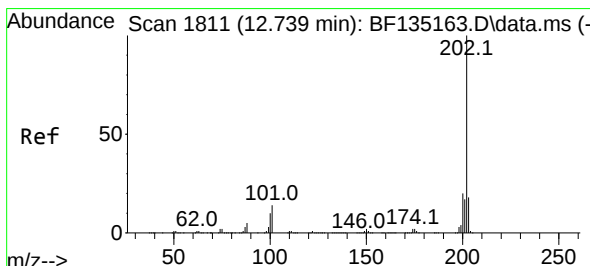
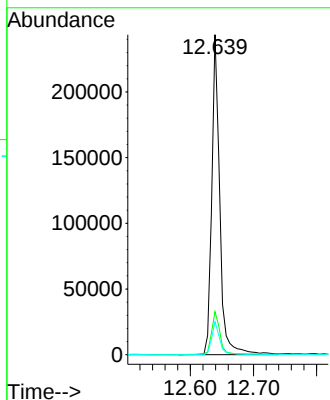
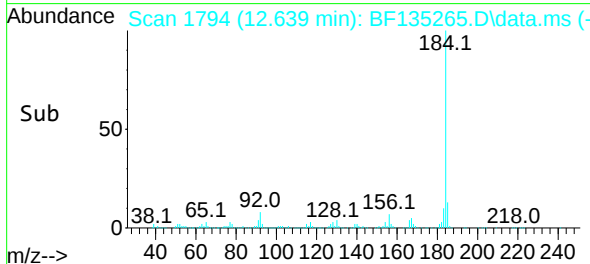
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



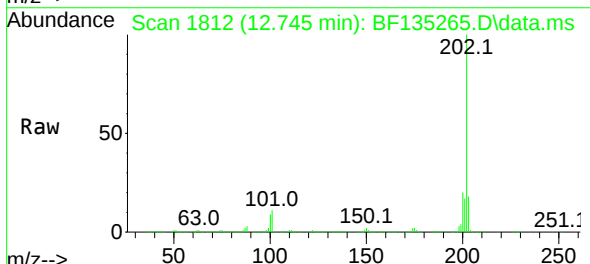
Tgt Ion:184 Resp: 215164
Ion Ratio Lower Upper
184 100
185 13.4 11.7 17.5
183 10.3 8.2 12.4

Manual Integrations
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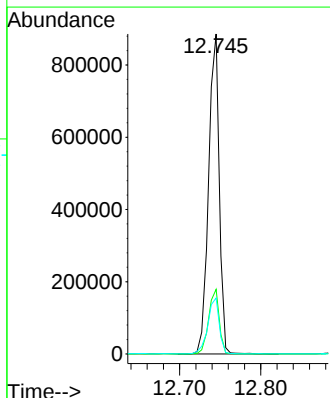
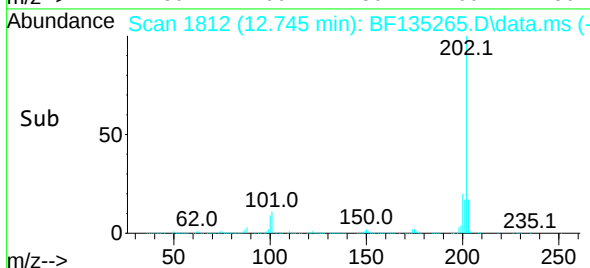
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#78
Pyrene
Concen: 37.352 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:202 Resp: 806136
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.5 14.2 21.4





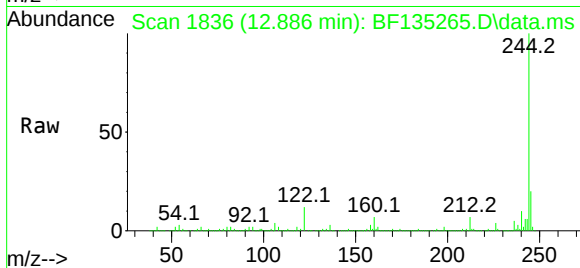
#79
 Terphenyl-d14
 Concen: 47.345 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135265.D
 Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

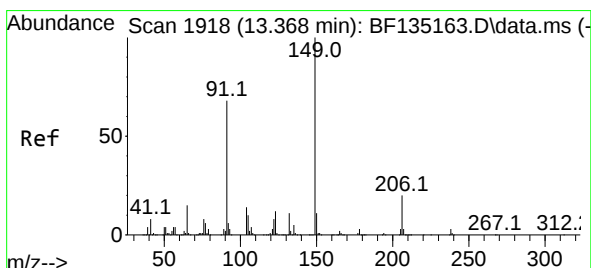
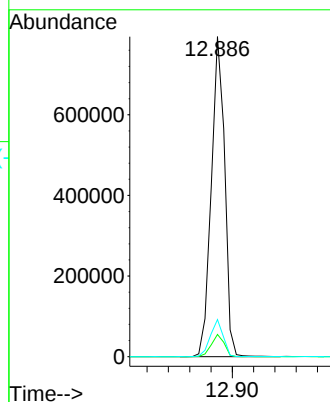
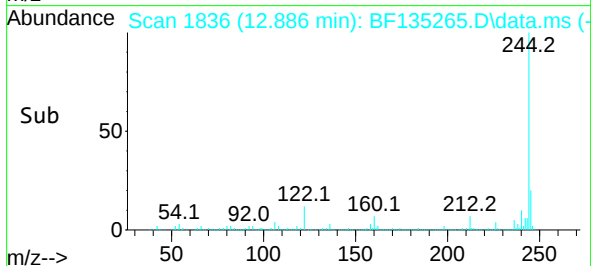


Tgt Ion:244 Resp: 69232
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.6 7.9 11.9

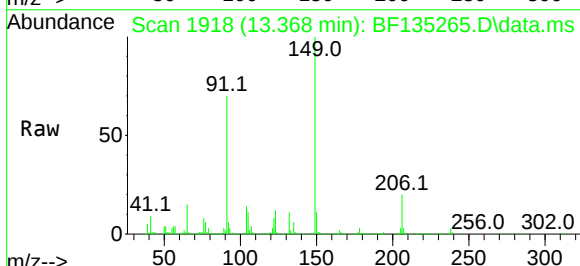
Manual Integrations

APPROVED

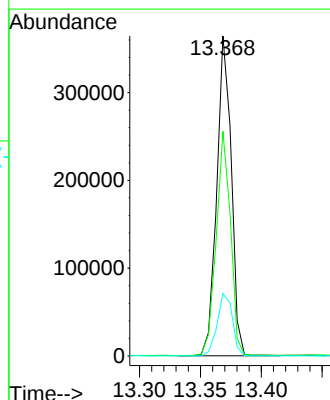
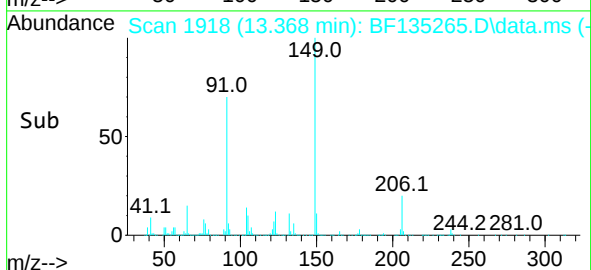
Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

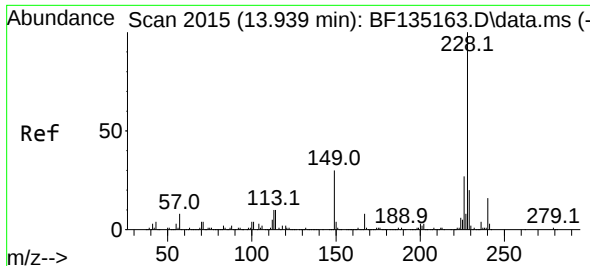


#80
 Butylbenzylphthalate
 Concen: 39.868 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135265.D
 Acq: 14 Sep 2023 21:09



Tgt Ion:149 Resp: 302942
 Ion Ratio Lower Upper
 149 100
 91 70.2 54.7 82.1
 206 19.5 16.3 24.5





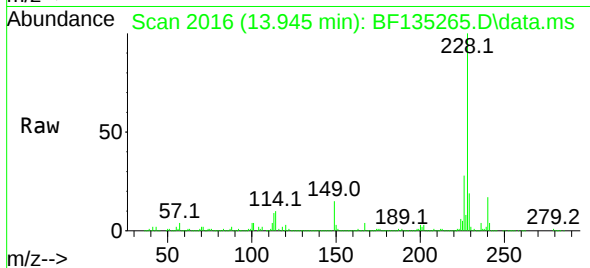
#81
Benzo(a)anthracene
Concen: 43.826 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

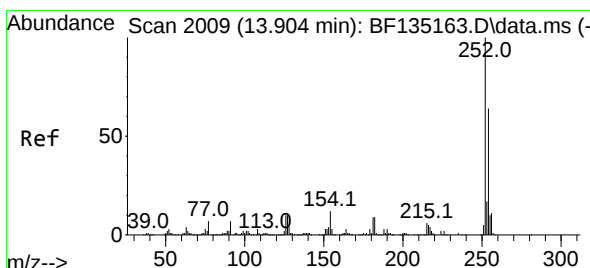
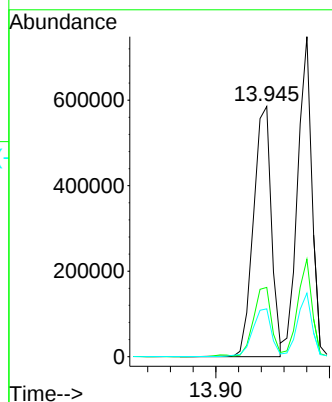
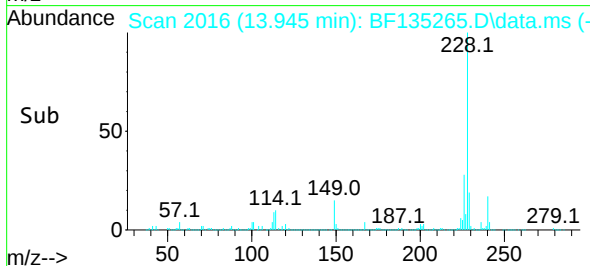


Tgt Ion:228 Resp: 641510
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.1 15.8 23.8

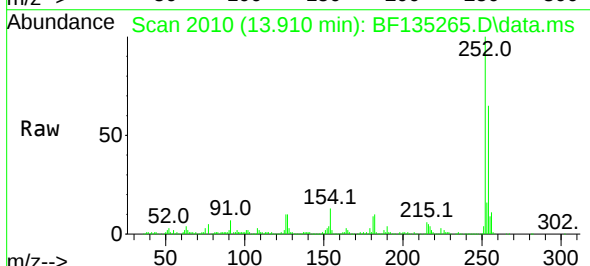
Manual Integrations

APPROVED

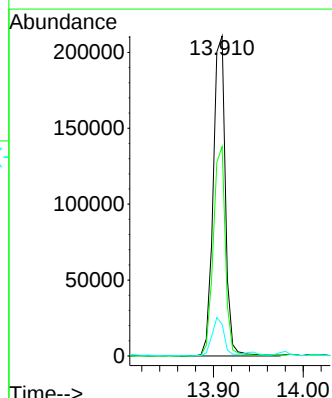
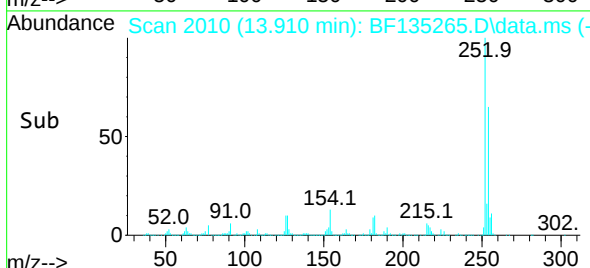
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

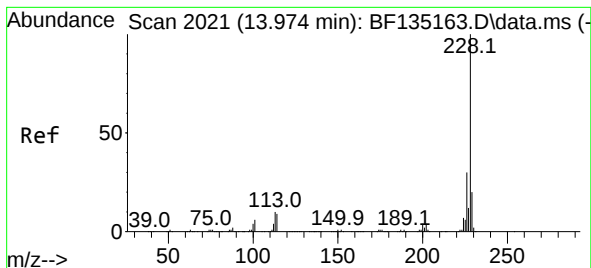


#82
3,3'-Dichlorobenzidine
Concen: 43.603 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:252 Resp: 199357
Ion Ratio Lower Upper
252 100
254 65.4 51.0 76.4
126 10.0 7.8 11.8





#83

Chrysene

Concen: 44.801 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

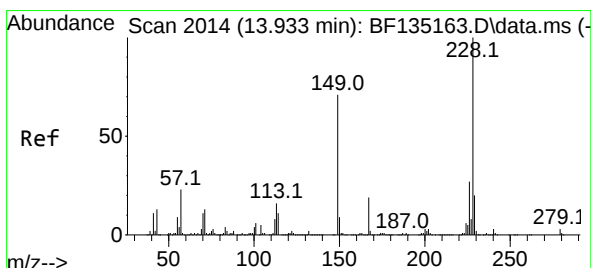
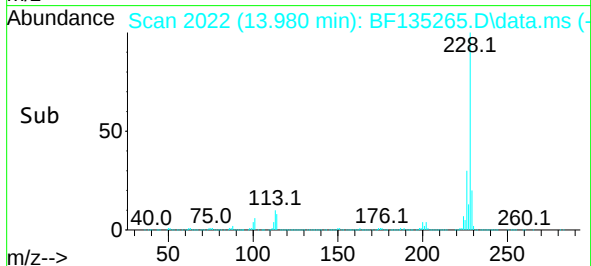
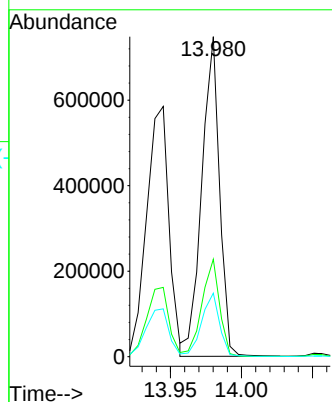
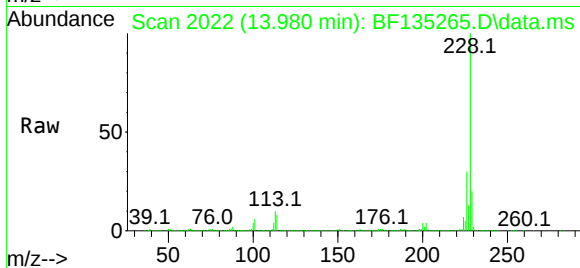
72-11930MSD

Tgt Ion:	228	Resp:	65198
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	19.8	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.699 ng

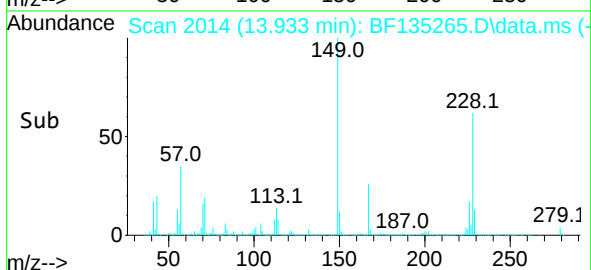
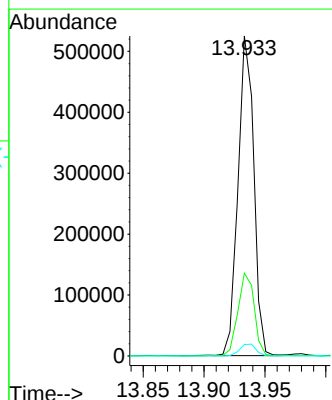
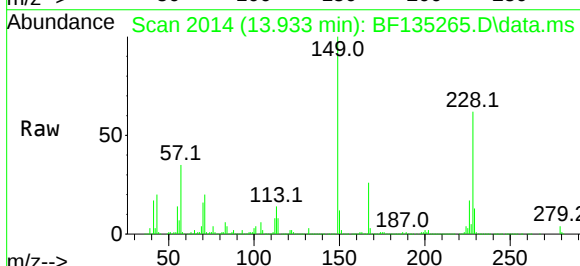
RT: 13.933 min Scan# 2014

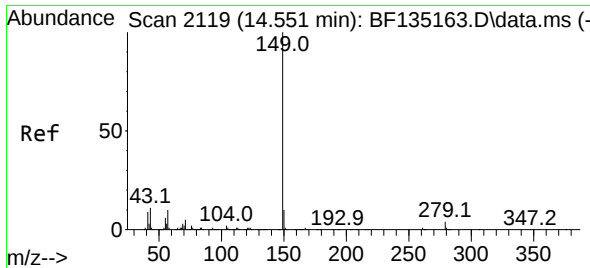
Delta R.T. 0.000 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

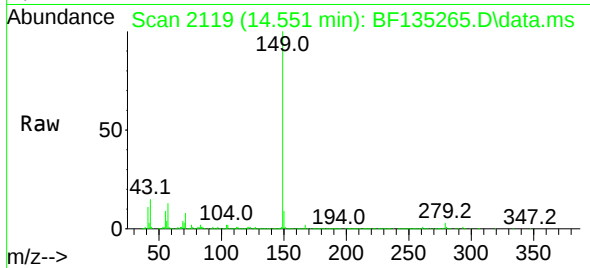
Tgt Ion:	149	Resp:	473302
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.9	32.9
279	3.5	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 64.072 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

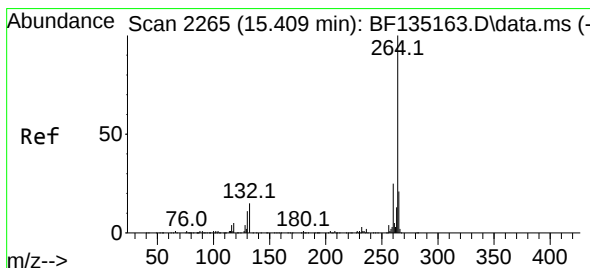
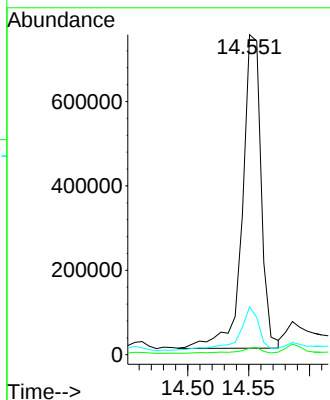
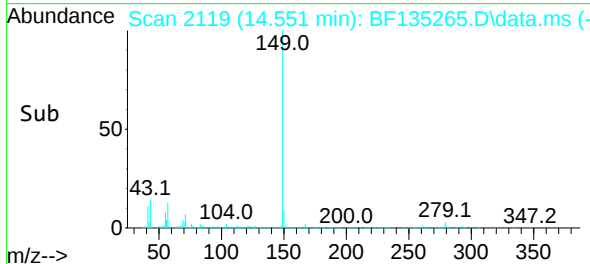
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



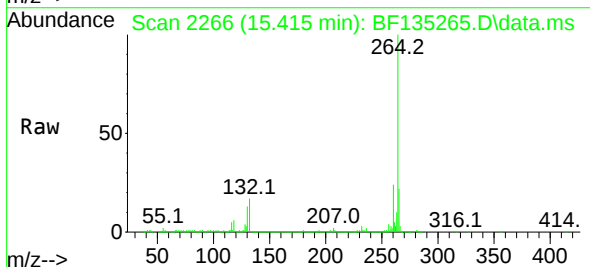
Tgt Ion:149 Resp: 793962
Ion Ratio Lower Upper
149 100
167 2.3 1.1 1.7
43 15.3 9.8 14.6

Manual Integrations
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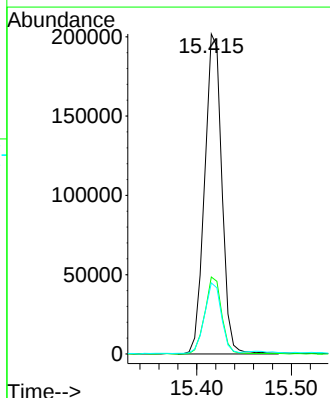
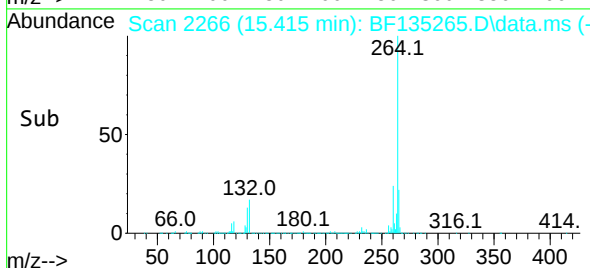
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

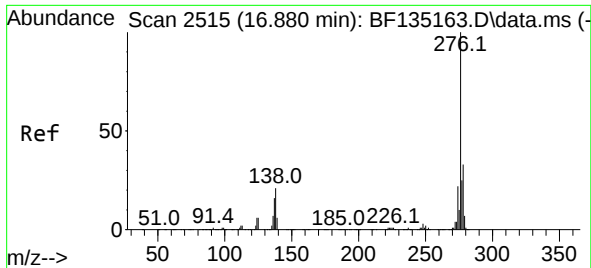


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



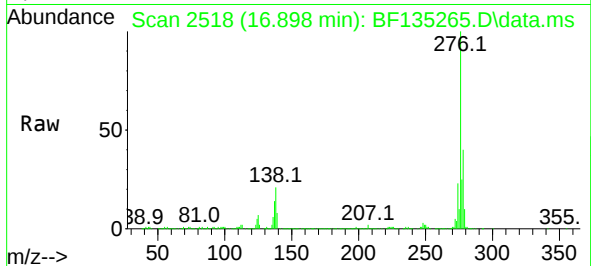
Tgt Ion:264 Resp: 253905
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 22.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 33.574 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

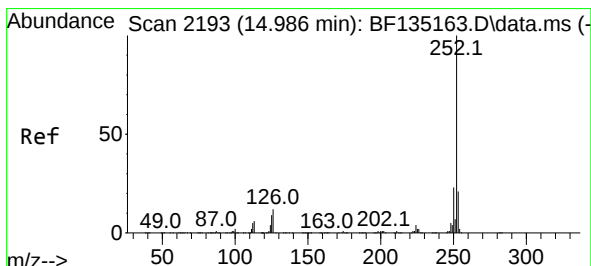
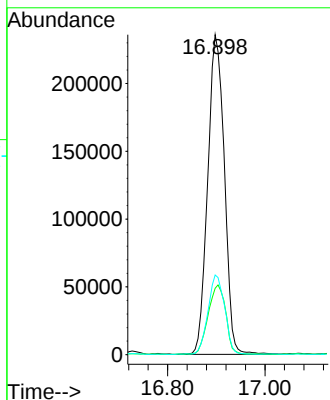
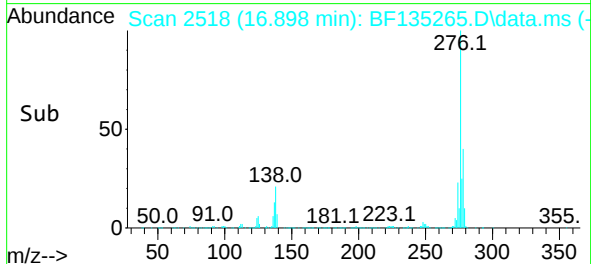
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



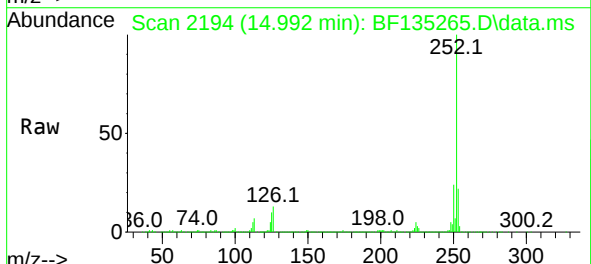
Tgt Ion:276 Resp: 55892
Ion Ratio Lower Upper
276 100
138 22.9 19.2 28.8
277 24.9 19.7 29.5

Manual Integrations
APPROVED

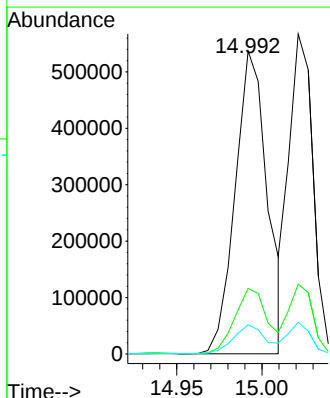
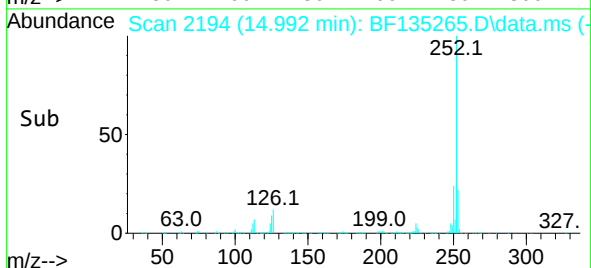
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

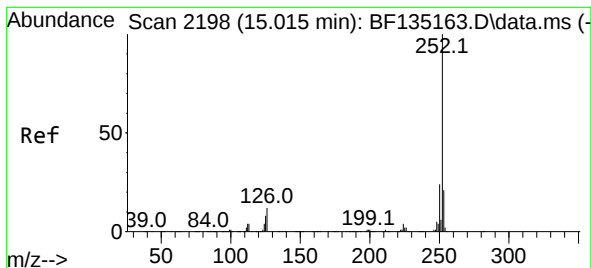


#88
Benzo(b)fluoranthene
Concen: 51.271 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:252 Resp: 704716
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 40.864 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:252 Resp: 55483

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

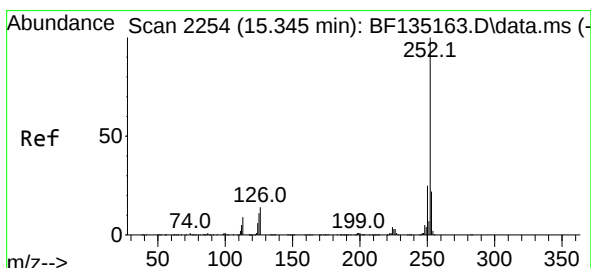
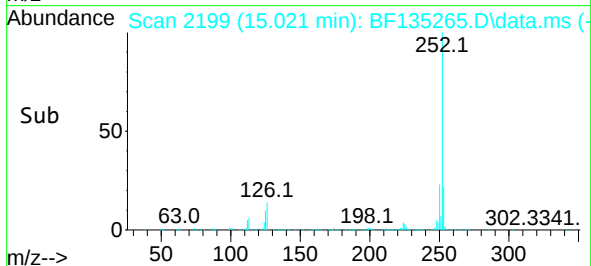
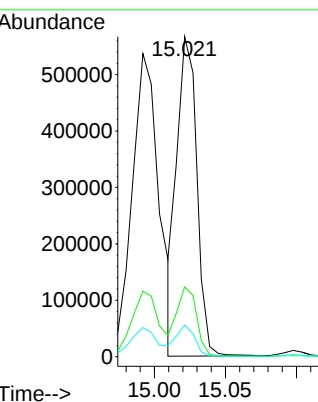
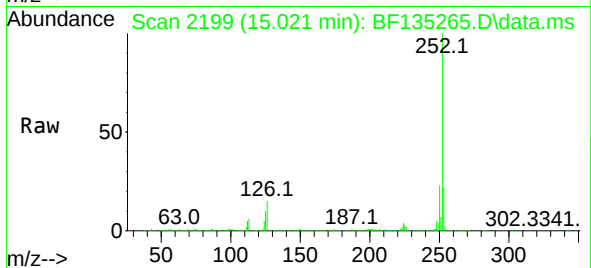
125 9.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#90

Benzo(a)pyrene

Concen: 42.505 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135265.D

Acq: 14 Sep 2023 21:09

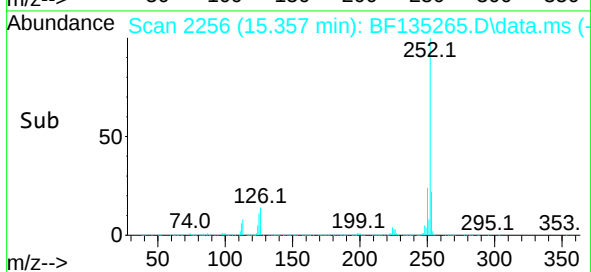
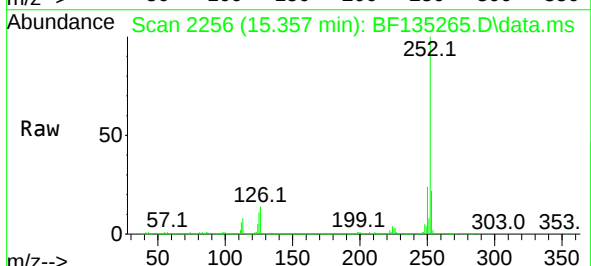
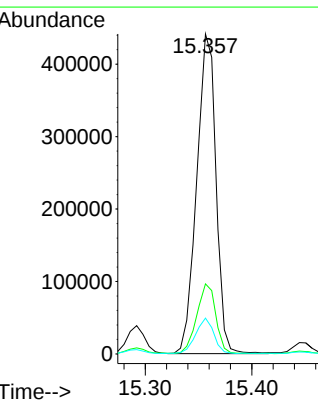
Tgt Ion:252 Resp: 557131

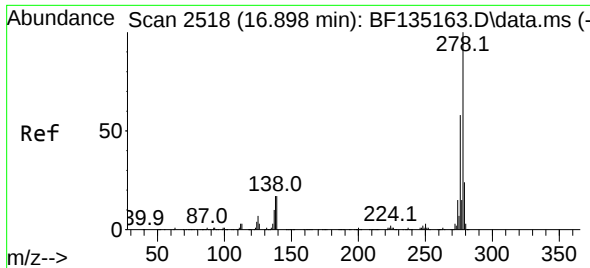
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.2 9.2 13.8





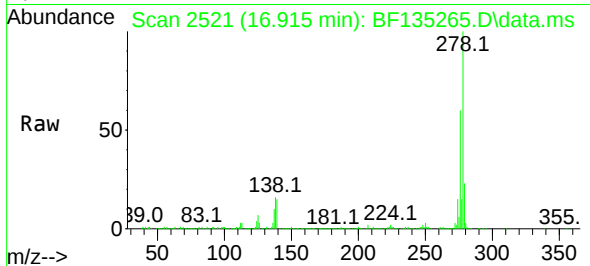
#91
Dibenzo(a,h)anthracene
Concen: 32.380 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09

Instrument :

BNA_F

ClientSampleId :

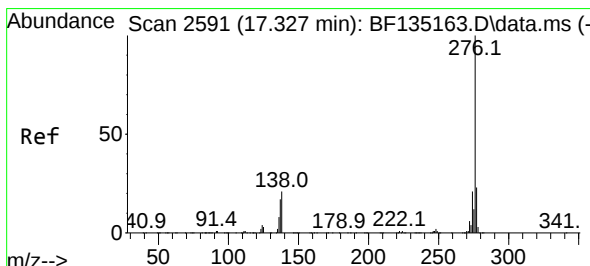
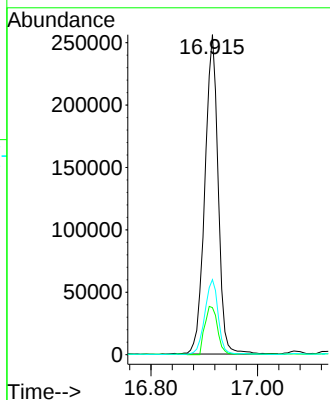
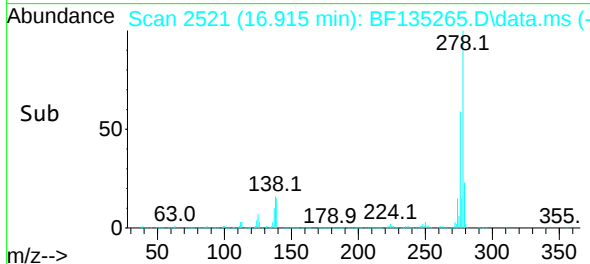
72-11930MSD



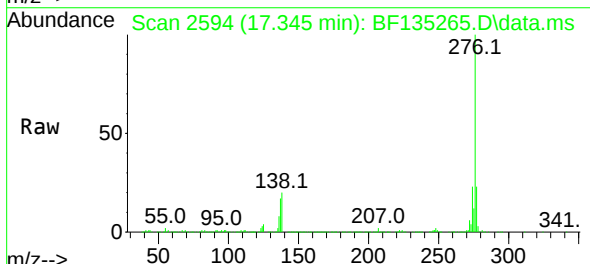
Tgt Ion:278 Resp: 44105
Ion Ratio Lower Upper
278 100
139 14.7 13.4 20.0
279 23.5 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#92
Benzo(g,h,i)perylene
Concen: 30.622 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135265.D
Acq: 14 Sep 2023 21:09



Tgt Ion:276 Resp: 435628
Ion Ratio Lower Upper
276 100
277 22.8 18.8 28.2
138 20.0 16.9 25.3

