

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135718.D
 Acq On : 11 Oct 2023 17:43
 Operator : CG\JU
 Sample : 04812-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 00:49:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	87356	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	339761	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179563	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	306149	20.000	ng	0.00
76) Chrysene-d12	13.933	240	161466	20.000	ng	0.00
86) Perylene-d12	15.404	264	196378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	788490	146.806	ng	0.03
7) Phenol-d6	6.398	99	856964	125.480	ng	0.00
23) Nitrobenzene-d5	7.310	82	621293	99.348	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	258471	144.849	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1221171	102.605	ng	0.00
79) Terphenyl-d14	12.869	244	1065104	102.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	134176	56.986	ng	# 83
3) Pyridine	3.381	79	267833	42.265	ng	97
4) n-Nitrosodimethylamine	3.299	42	211618	62.930	ng	94
6) Aniline	6.416	93	116818	13.044	ng	# 1
8) 2-Chlorophenol	6.540	128	326525	56.950	ng	95
9) Benzaldehyde	6.304	77	123948	31.858	ng	98
10) Phenol	6.416	94	345205	46.096	ng	98
11) bis(2-Chloroethyl)ether	6.487	93	331112	58.944	ng	98
12) 1,3-Dichlorobenzene	6.681	146	316161	54.258	ng	99
13) 1,4-Dichlorobenzene	6.757	146	324417	54.723	ng	98
14) 1,2-Dichlorobenzene	6.910	146	302437	54.935	ng	97
15) Benzyl Alcohol	6.898	79	265990	54.275	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	574250	54.234	ng	59
17) 2-Methylphenol	7.016	107	262136	51.809	ng	# 86
18) Hexachloroethane	7.240	117	119987	54.777	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	231323	54.684	ng	97
20) 3+4-Methylphenols	7.175	107	335452	55.137	ng	# 63
22) Acetophenone	7.157	105	455836	58.683	ng	# 88
24) Nitrobenzene	7.328	77	347734	56.257	ng	98
25) Isophorone	7.569	82	646547	56.302	ng	99
26) 2-Nitrophenol	7.645	139	178014	60.005	ng	96
27) 2,4-Dimethylphenol	7.687	122	262046	52.551	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	400250	58.233	ng	99
29) 2,4-Dichlorophenol	7.892	162	281250	60.869	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	281580	58.303	ng	97
31) Naphthalene	8.040	128	938974	56.880	ng	99
32) Benzoic acid	7.828	122	80330m	21.393	ng	
33) 4-Chloroaniline	8.110	127	53710m	7.416	ng	
34) Hexachlorobutadiene	8.151	225	168912	58.003	ng	99
35) Caprolactam	8.487	113	78130m	50.382	ng	
36) 4-Chloro-3-methylphenol	8.604	107	309689	60.304	ng	99
37) 2-Methylnaphthalene	8.734	142	632019	56.956	ng	99
38) 1-Methylnaphthalene	8.834	142	605369	58.270	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	314442	60.445	ng	100
41) Hexachlorocyclopentadiene	8.881	237	123748	56.388	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	196475	57.685	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135718.D
 Acq On : 11 Oct 2023 17:43
 Operator : CG\JU
 Sample : 04812-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Quant Time: Oct 12 00:49:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

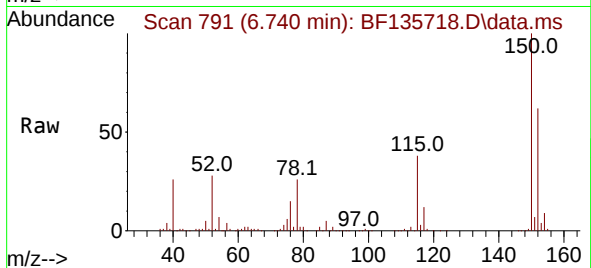
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	209610	53.439	ng	99
46) 1,1'-Biphenyl	9.198	154	830777	60.205	ng	98
47) 2-Chloronaphthalene	9.228	162	610572	60.984	ng	98
48) 2-Nitroaniline	9.339	65	227231	58.419	ng	98
49) Acenaphthylene	9.639	152	979068	58.840	ng	99
50) Dimethylphthalate	9.510	163	711983	58.646	ng	100
51) 2,6-Dinitrotoluene	9.581	165	153351	57.661	ng	99
52) Acenaphthene	9.810	154	581797	59.188	ng	98
53) 3-Nitroaniline	9.751	138	63508	20.343	ng	97
54) 2,4-Dinitrophenol	9.881	184	31767	25.645	ng	99
55) Dibenzofuran	9.986	168	851551	56.771	ng	97
56) 4-Nitrophenol	9.939	139	121463	61.218	ng	92
57) 2,4-Dinitrotoluene	9.992	165	189300	56.855	ng	96
58) Fluorene	10.334	166	681565	59.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	167375	55.472	ng	99
60) Diethylphthalate	10.210	149	729557	59.879	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	322281	58.181	ng	98
62) 4-Nitroaniline	10.375	138	157911m	52.622	ng	
63) Azobenzene	10.486	77	695754	58.348	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	43765	26.915	ng	92
66) n-Nitrosodiphenylamine	10.445	169	619182	66.805	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	200042	65.698	ng	99
68) Hexachlorobenzene	10.881	284	209365	67.493	ng	# 89
69) Atrazine	10.981	200	184731	74.073	ng	97
70) Pentachlorophenol	11.086	266	103734m	55.893	ng	
71) Phenanthrene	11.298	178	881936	60.909	ng	99
72) Anthracene	11.351	178	903979	60.737	ng	99
73) Carbazole	11.516	167	804305	59.364	ng	99
74) Di-n-butylphthalate	11.839	149	1037426	64.981	ng	100
75) Fluoranthene	12.498	202	927457	61.472	ng	98
77) Benzidine	12.627	184	75381	22.788	ng	98
78) Pyrene	12.727	202	889225	57.844	ng	99
80) Butylbenzylphthalate	13.345	149	367089	67.822	ng	94
81) Benzo(a)anthracene	13.927	228	667294	64.001	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	105132	32.282	ng	# 98
83) Chrysene	13.963	228	627951	60.577	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	506403	91.175	ng	99
85) Di-n-octyl phthalate	14.527	149	780954	88.477	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	786535	61.086	ng	98
88) Benzo(b)fluoranthene	14.980	252	623573	58.658	ng	99
89) Benzo(k)fluoranthene	15.010	252	602184	57.344	ng	100
90) Benzo(a)pyrene	15.345	252	577907	57.005	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	646263	61.343	ng	97
92) Benzo(g,h,i)perylene	17.357	276	614922	55.889	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

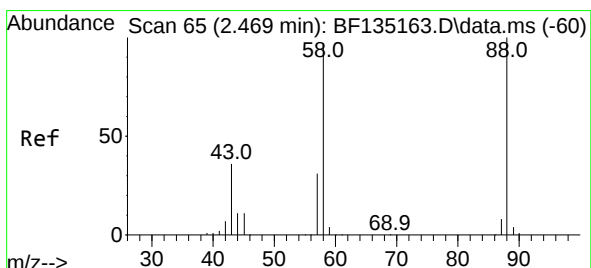
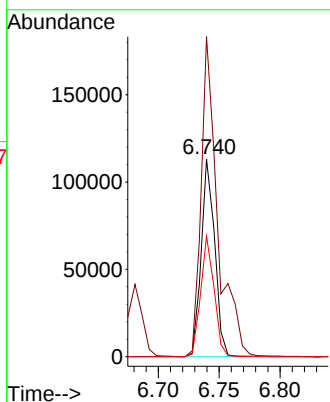
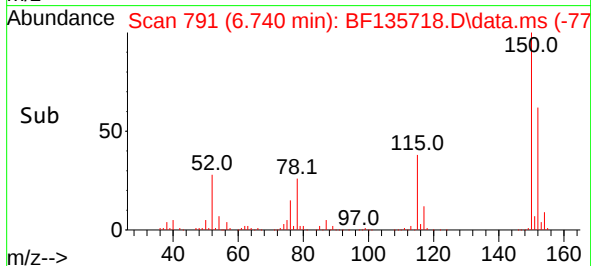
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion:152 Resp: 87350
Ion Ratio Lower Upper
152 100
150 161.9 127.8 191.6
115 61.0 49.8 74.8

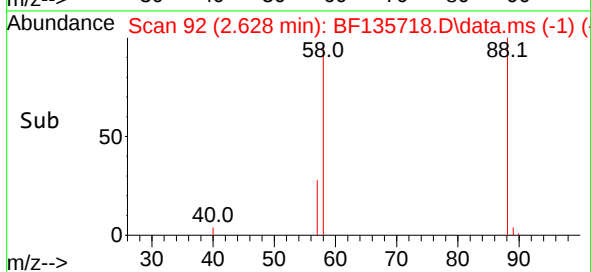
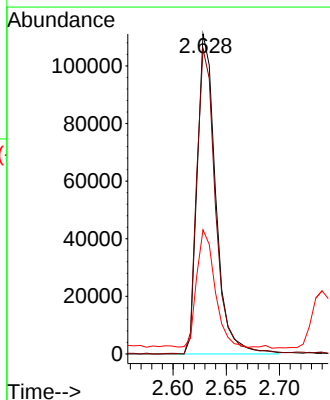
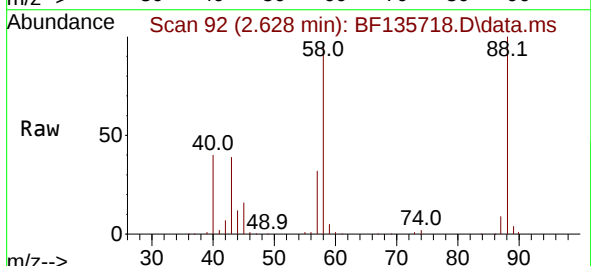
Manual Integrations
APPROVED

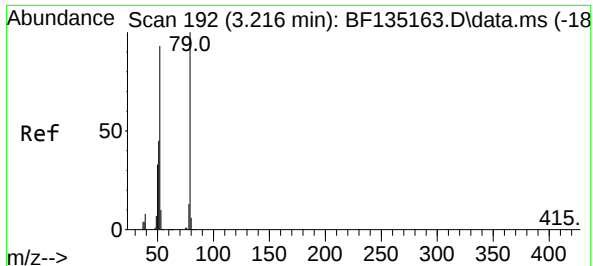
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#2
1,4-Dioxane
Concen: 56.986 ng
RT: 2.628 min Scan# 92
Delta R.T. 0.200 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

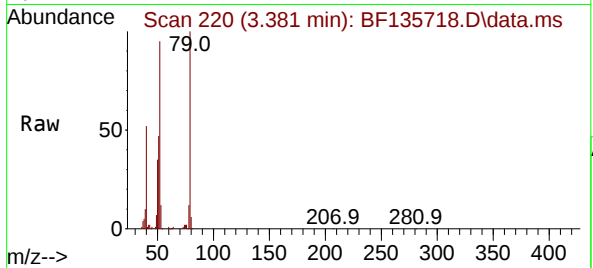
Tgt Ion: 88 Resp: 134176
Ion Ratio Lower Upper
88 100
58 97.3 78.3 117.5
43 0.0 29.4 44.0#





#3
Pyridine
Concen: 42.265 ng
RT: 3.381 min Scan# 206
Delta R.T. 0.206 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

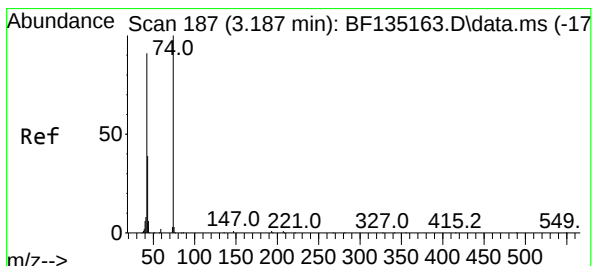
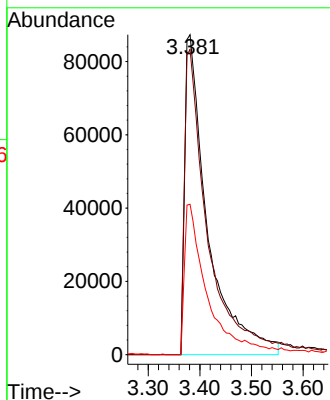
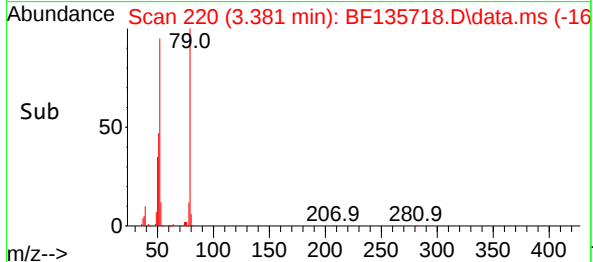
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



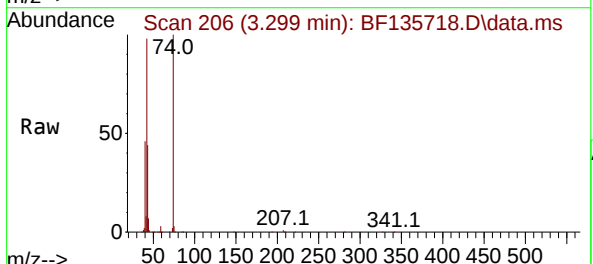
Tgt Ion: 79 Resp: 26783
Ion Ratio Lower Upper
79 100
52 95.4 74.1 111.1
51 47.0 35.8 53.8

Manual Integrations
APPROVED

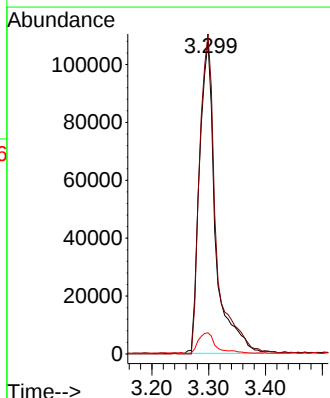
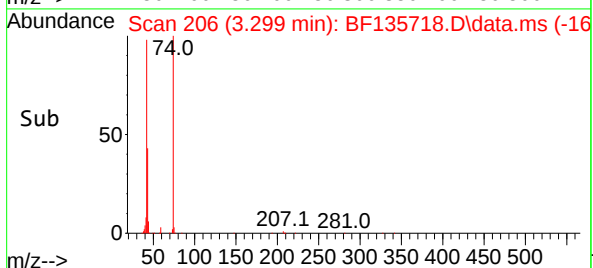
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

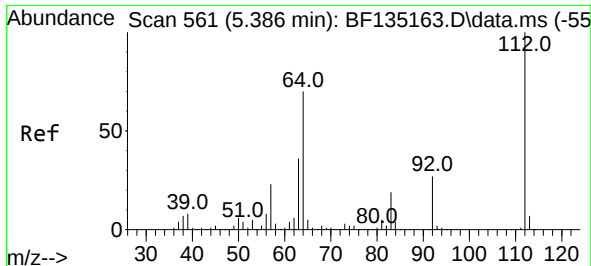


#4
n-Nitrosodimethylamine
Concen: 62.930 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.147 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



Tgt Ion: 42 Resp: 211618
Ion Ratio Lower Upper
42 100
74 102.5 87.7 131.5
44 6.8 5.6 8.4





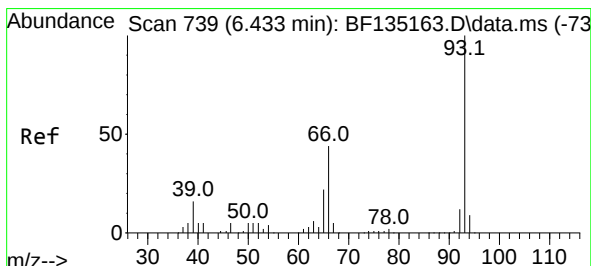
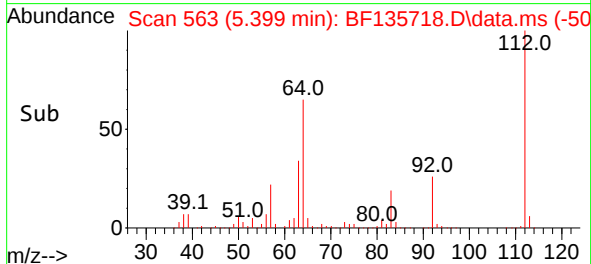
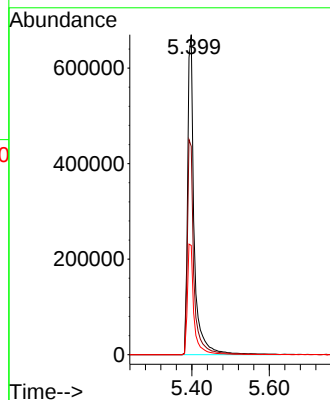
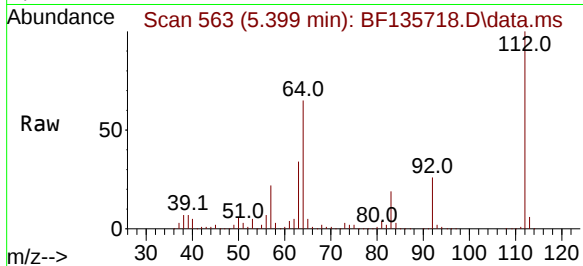
#5
2-Fluorophenol
Concen: 146.806 ng
RT: 5.399 min Scan# 50
Delta R.T. 0.030 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:112 Resp: 788490
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 34.1 29.0 43.6

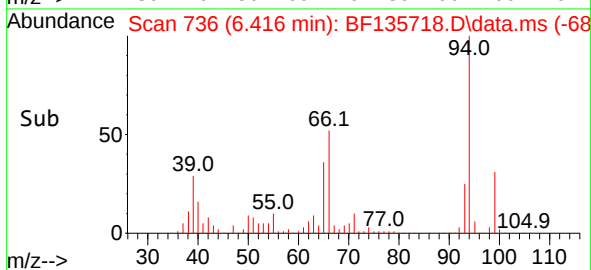
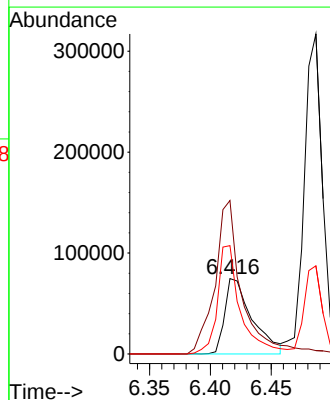
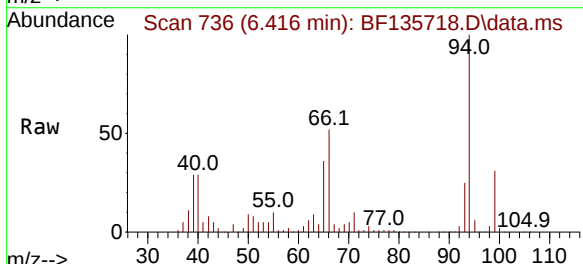
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#6
Aniline
Concen: 13.044 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

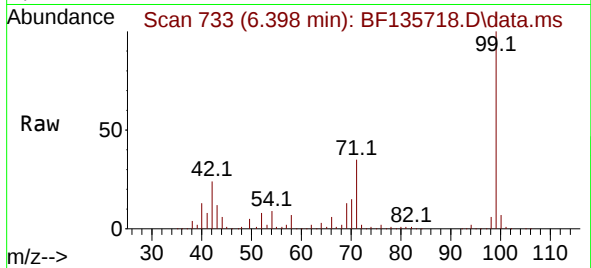
Tgt Ion: 93 Resp: 116818
Ion Ratio Lower Upper
93 100
66 203.5 35.4 53.0#
65 143.7 17.8 26.8#





#7
Phenol-d6
Concen: 125.480 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

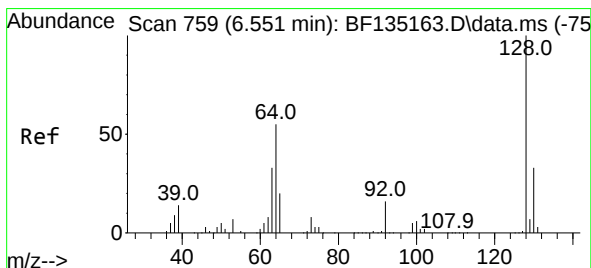
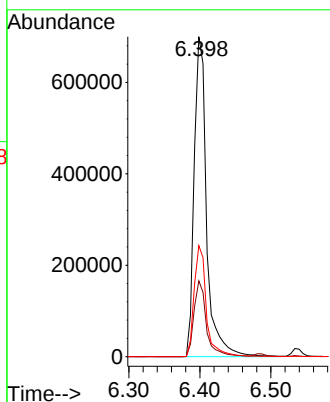
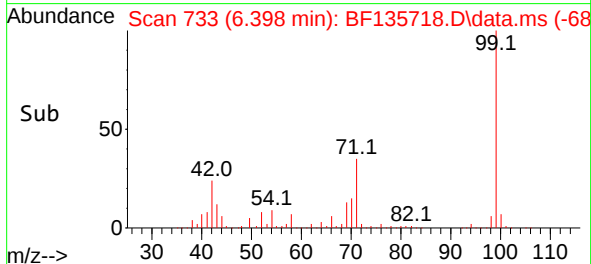
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



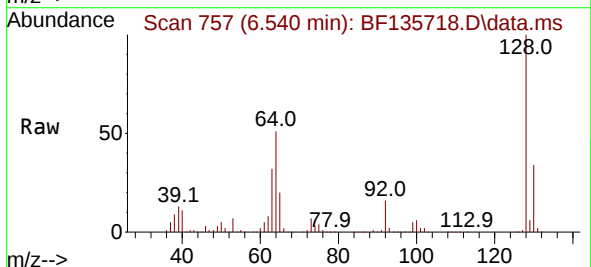
Tgt Ion: 99 Resp: 856964
Ion Ratio Lower Upper
99 100
42 23.7 17.9 26.9
71 34.7 27.0 40.6

Manual Integrations
APPROVED

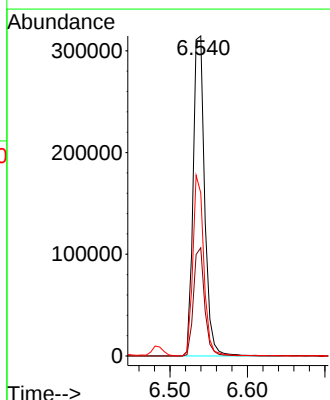
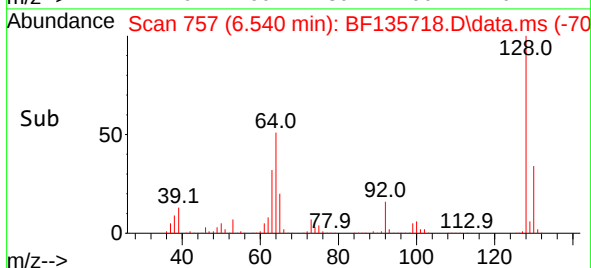
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

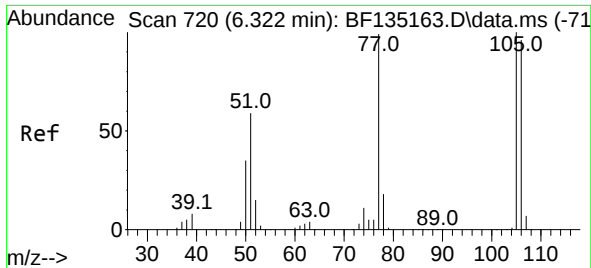


#8
2-Chlorophenol
Concen: 56.950 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



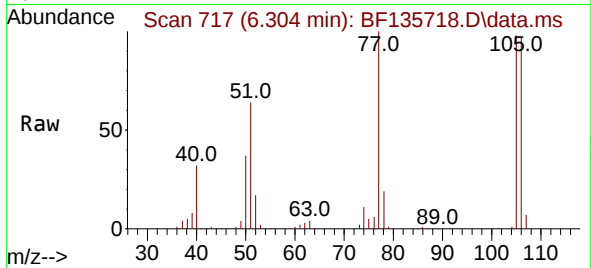
Tgt Ion:128 Resp: 326525
Ion Ratio Lower Upper
128 100
130 33.8 12.7 52.7
64 51.0 35.9 75.9





#9
Benzaldehyde
Concen: 31.858 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

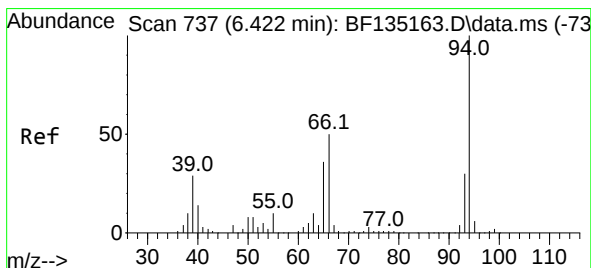
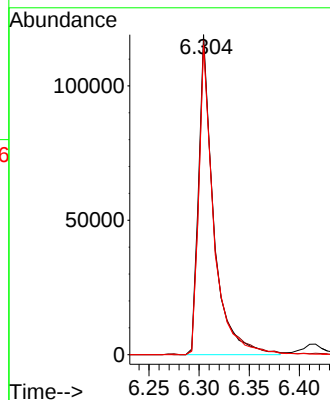
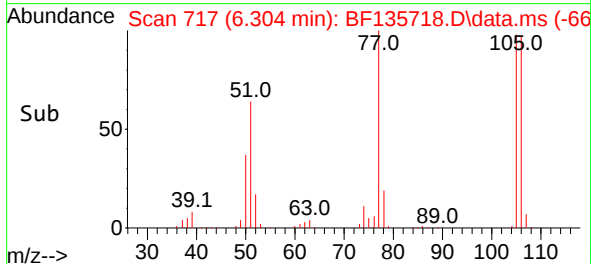
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion: 77 Resp: 123948
Ion Ratio Lower Upper
77 100
105 98.4 81.4 121.4
106 96.8 76.9 116.9

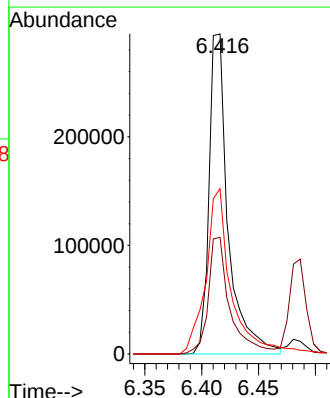
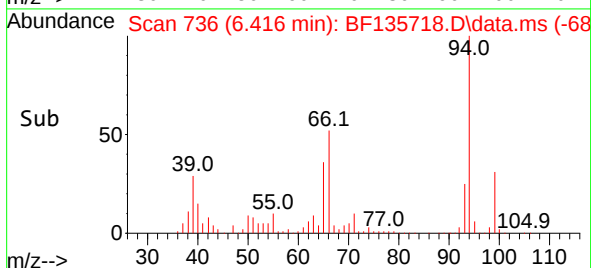
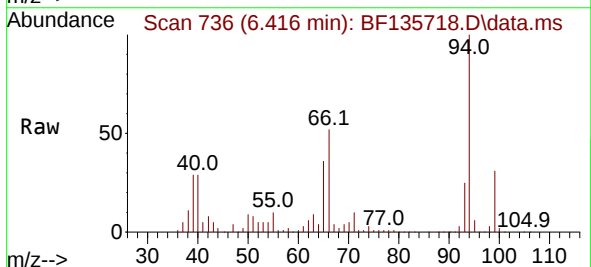
Manual Integrations
APPROVED

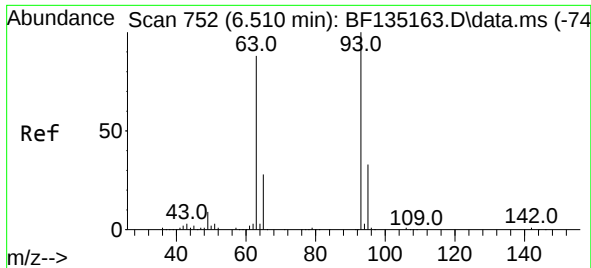
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#10
Phenol
Concen: 46.096 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion: 94 Resp: 345205
Ion Ratio Lower Upper
94 100
65 36.5 15.9 55.9
66 51.6 29.8 69.8





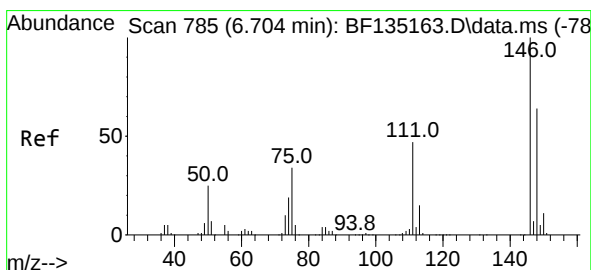
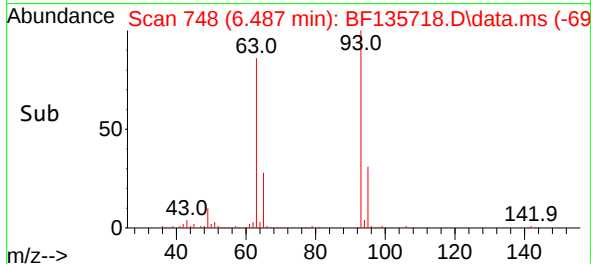
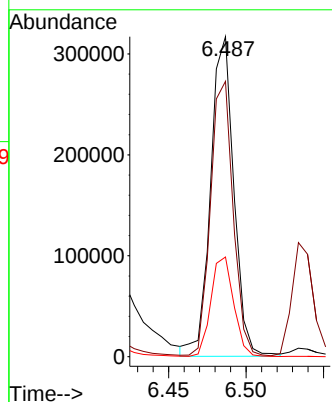
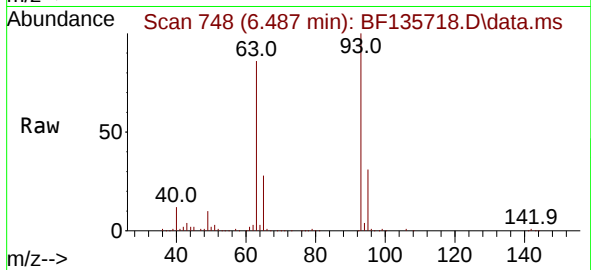
#11
bis(2-Chloroethyl)ether
Concen: 58.944 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion: 93 Resp: 331112
Ion Ratio Lower Upper
93 100
63 86.1 67.3 107.3
95 31.1 12.7 52.7

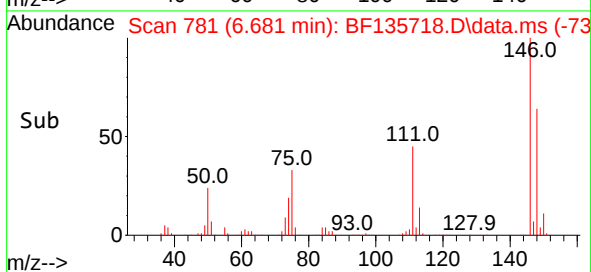
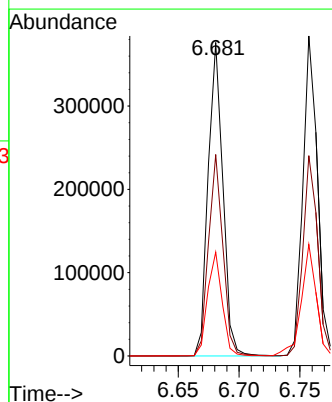
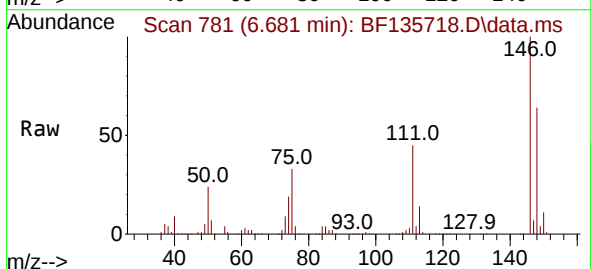
Manual Integrations
APPROVED

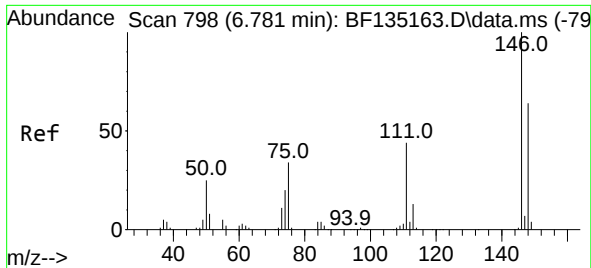
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#12
1,3-Dichlorobenzene
Concen: 54.258 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:146 Resp: 316161
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 54.723 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:146 Resp: 32441

Ion Ratio Lower Upper

146 100

148 62.6 51.3 76.9

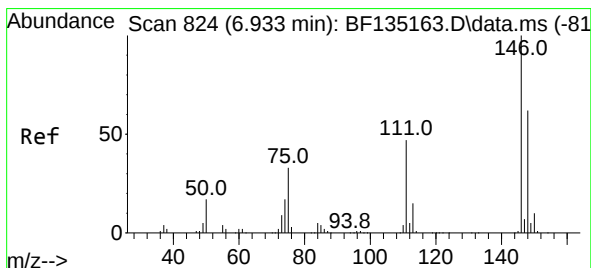
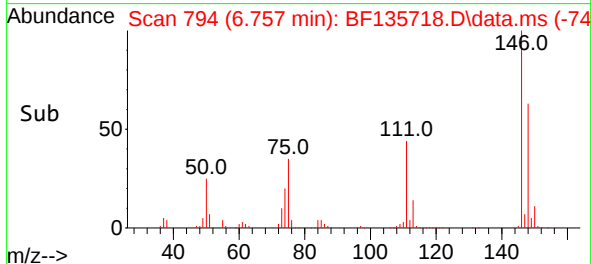
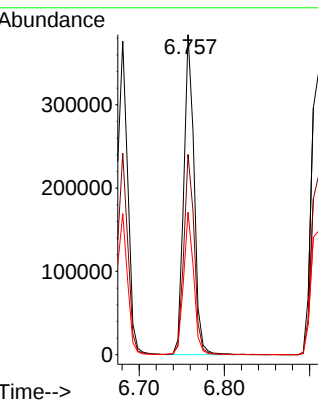
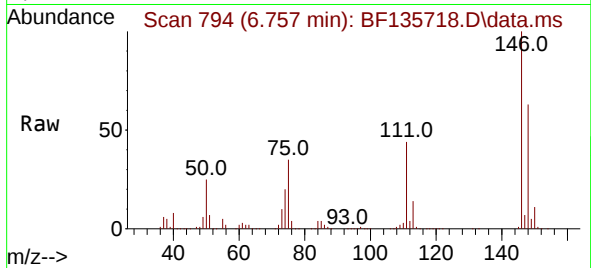
111 44.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#14

1,2-Dichlorobenzene

Concen: 54.935 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

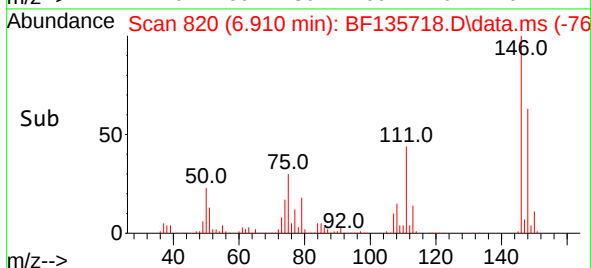
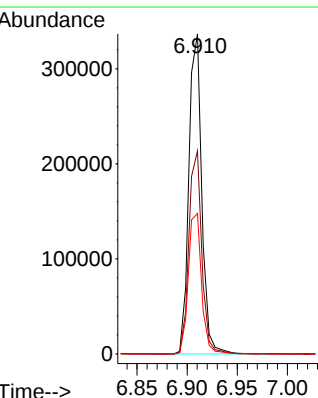
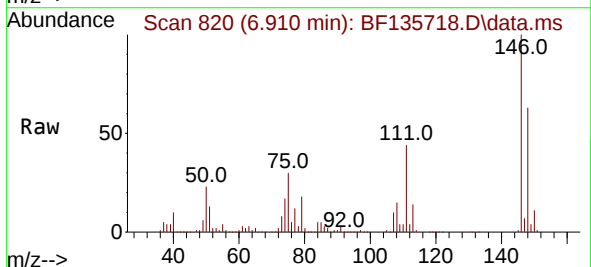
Tgt Ion:146 Resp: 302437

Ion Ratio Lower Upper

146 100

148 63.5 49.7 74.5

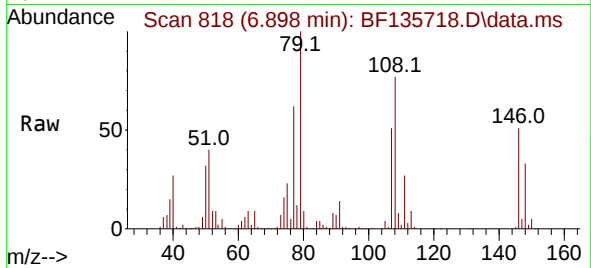
111 43.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 54.275 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

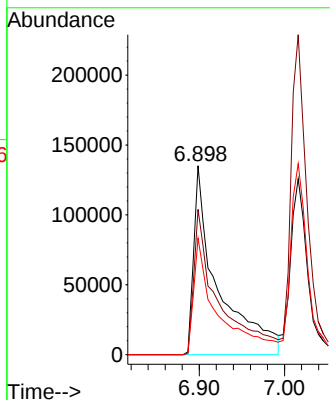
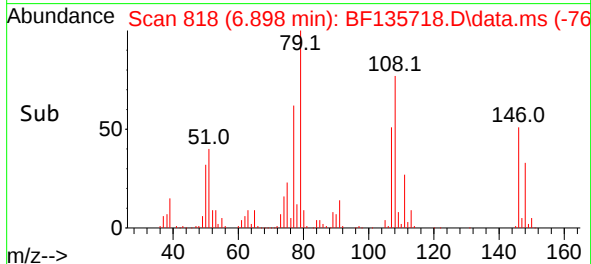
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion: 79 Resp: 265990
Ion Ratio Lower Upper
79 100
108 76.9 61.2 91.8
77 61.6 50.5 75.7

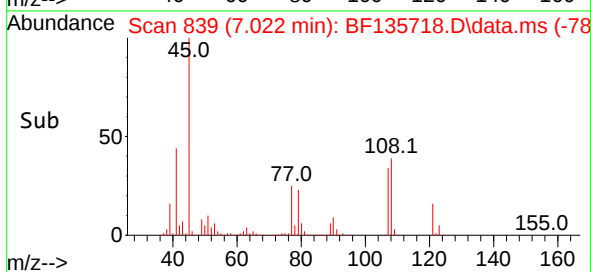
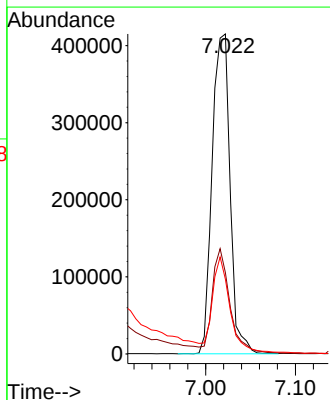
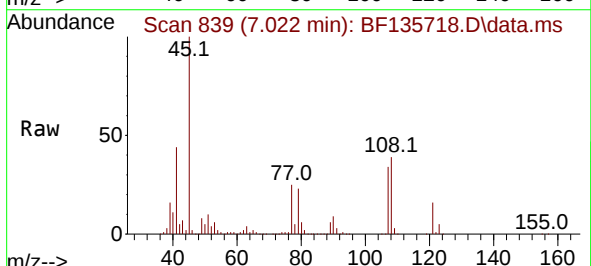
Manual Integrations
APPROVED

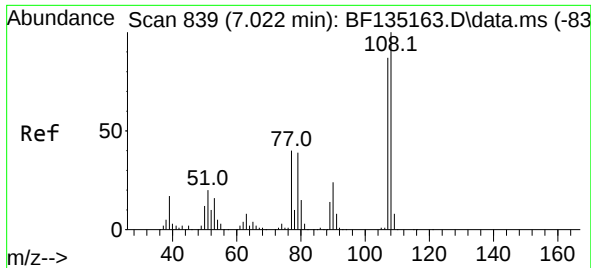
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.234 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion: 45 Resp: 574250
Ion Ratio Lower Upper
45 100
77 25.4 0.0 30.6
79 23.4 0.0 28.3





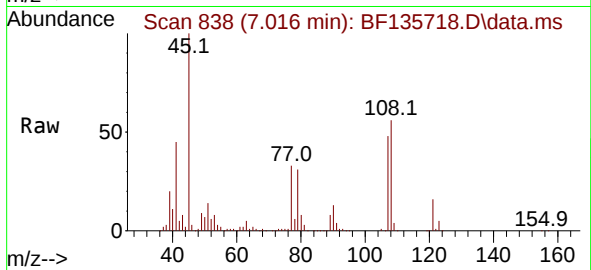
#17
2-Methylphenol
Concen: 51.809 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

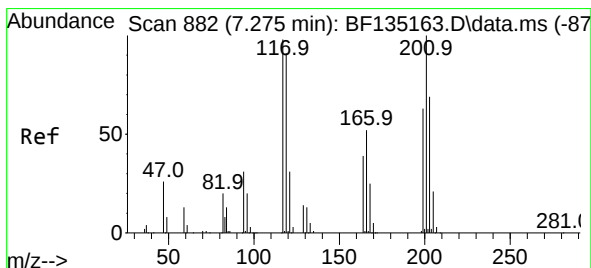
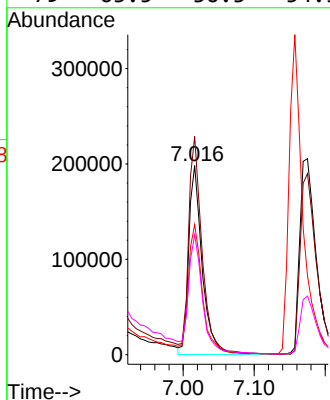
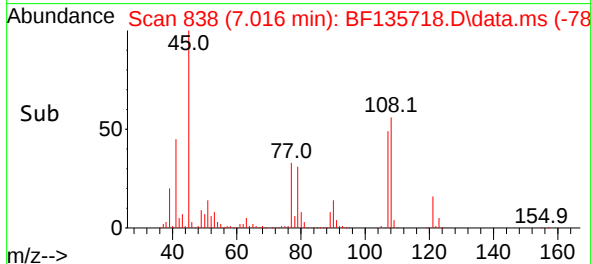


Tgt Ion:107 Resp: 262130
Ion Ratio Lower Upper
107 100
108 115.4 92.0 138.0
77 68.9 36.7 55.1
79 63.5 36.3 54.5#

Manual Integrations

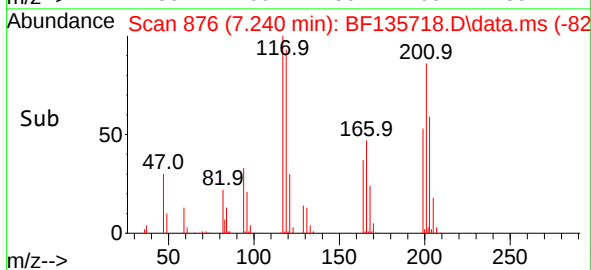
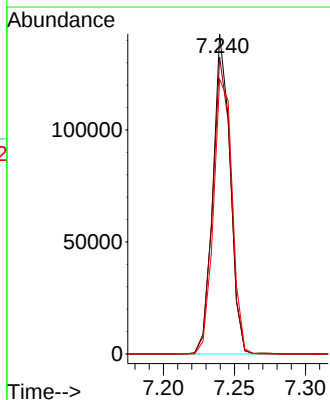
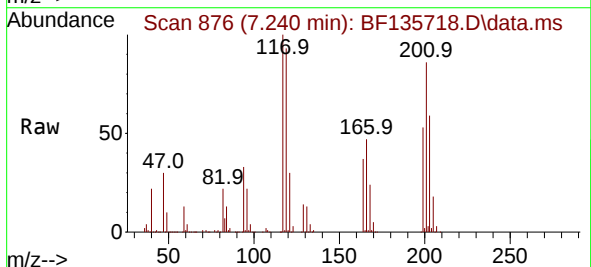
APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#18
Hexachloroethane
Concen: 54.777 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:117 Resp: 119987
Ion Ratio Lower Upper
117 100
119 92.7 74.7 112.1
201 85.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 54.684 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF135718.D

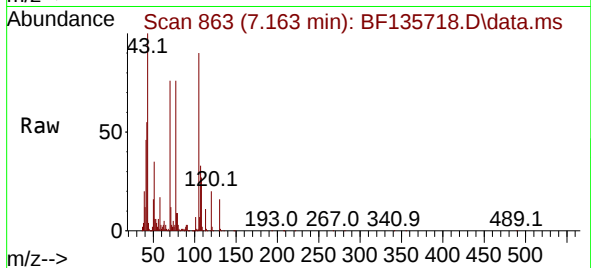
Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS



Tgt Ion: 70 Resp: 23132

Ion Ratio Lower Upper

70 100

42 72.7 55.4 83.0

101 9.3 7.7 11.5

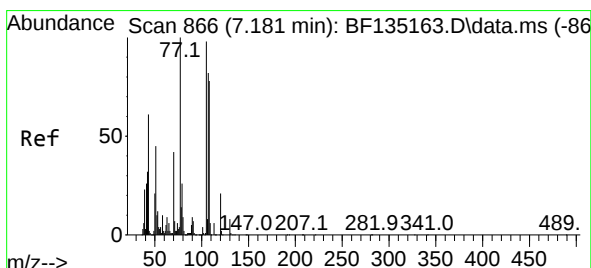
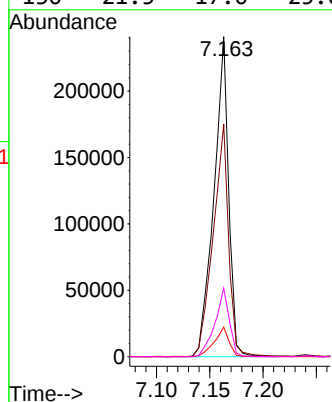
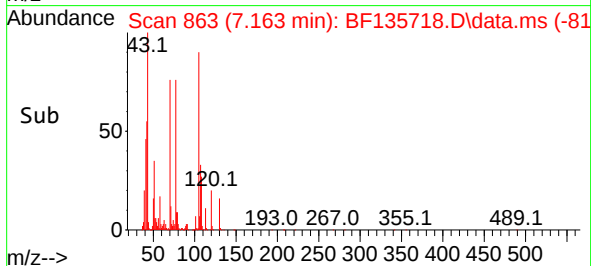
130 21.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#20

3+4-Methylphenols

Concen: 55.137 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.012 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion:107 Resp: 335452

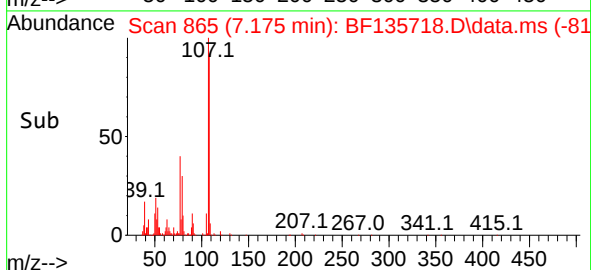
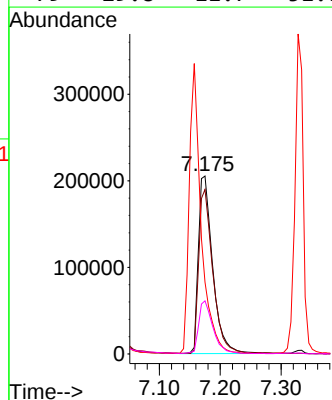
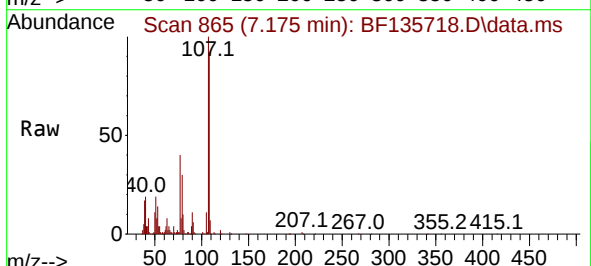
Ion Ratio Lower Upper

107 100

108 92.4 74.7 114.7

77 40.3 102.0 142.0

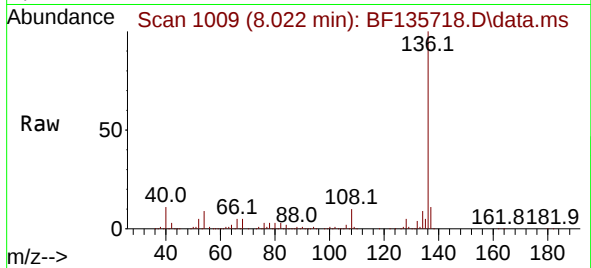
79 29.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

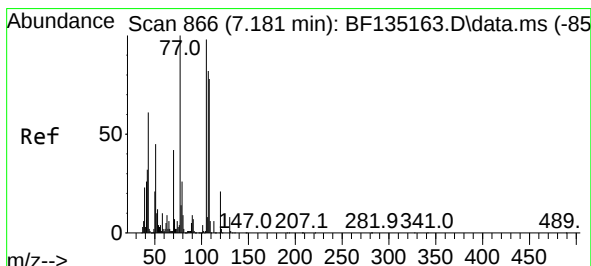
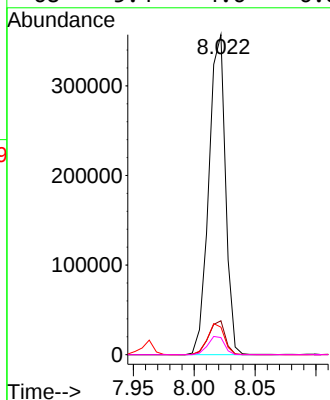
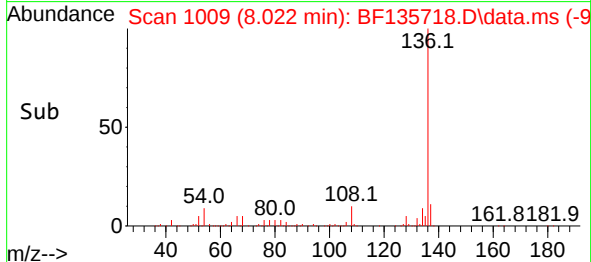
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion:136 Resp: 33976
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.6 7.7 11.5
68 5.4 4.6 6.8

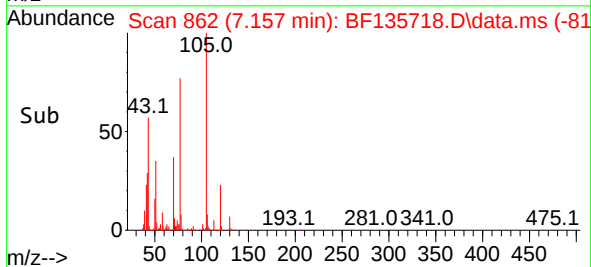
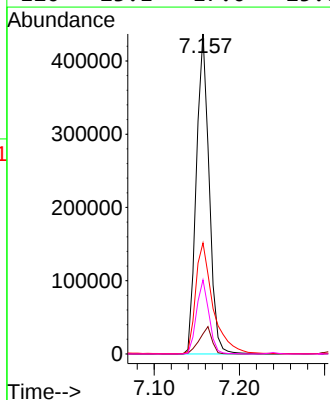
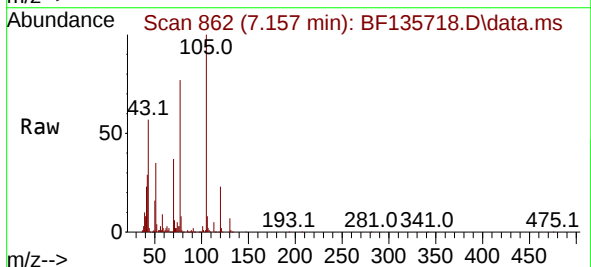
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#22
Acetophenone
Concen: 58.683 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:105 Resp: 455836
Ion Ratio Lower Upper
105 100
71 6.3 5.8 8.6
51 34.7 37.0 55.4#
120 23.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 99.348 ng

RT: 7.310 min Scan# 88

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

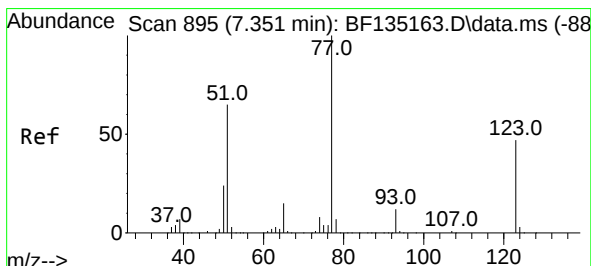
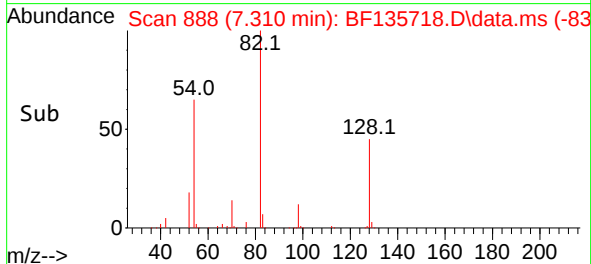
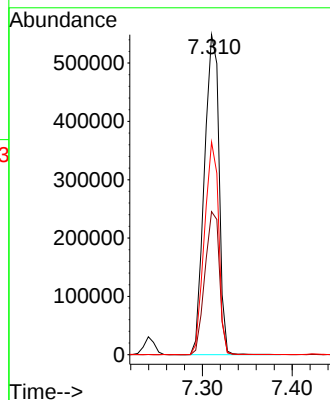
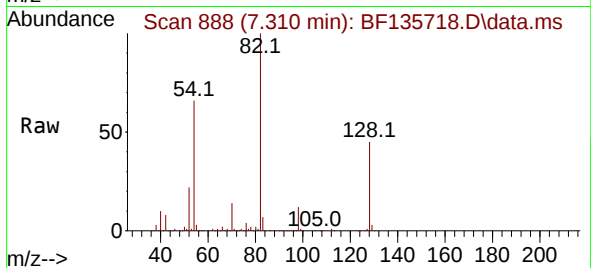
Tgt Ion: 82	Resp: 62129
Ion Ratio	Lower Upper
82	100
128	44.7 35.8 53.6
54	66.5 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#24

Nitrobenzene

Concen: 56.257 ng

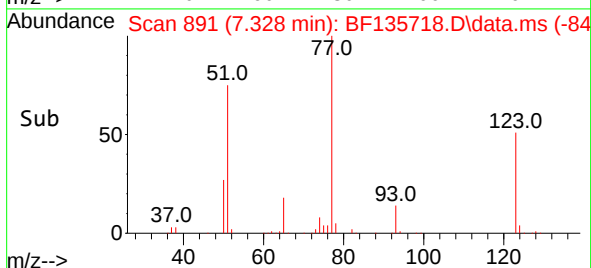
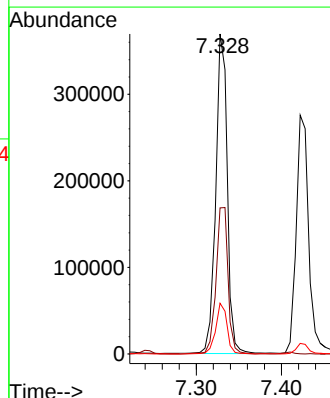
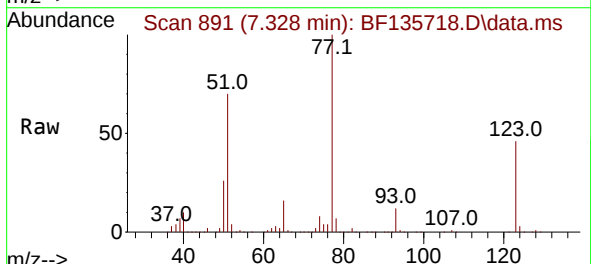
RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

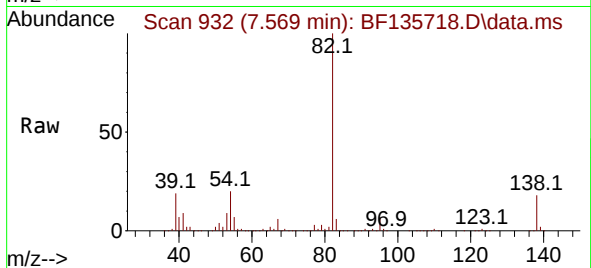
Tgt Ion: 77	Resp: 347734
Ion Ratio	Lower Upper
77	100
123	45.7 37.6 56.4
65	15.8 12.2 18.4





#25
Isophorone
Concen: 56.302 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

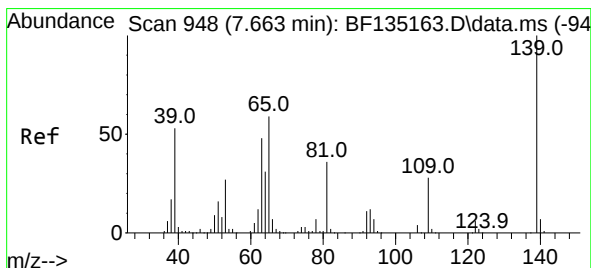
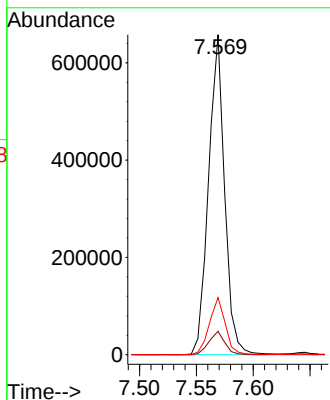
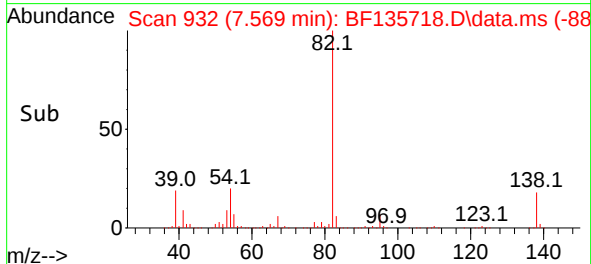
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion: 82 Resp: 64654
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.9 14.5 21.7

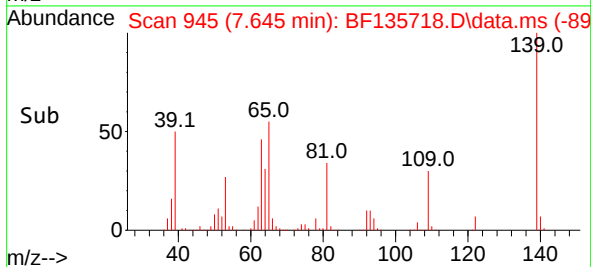
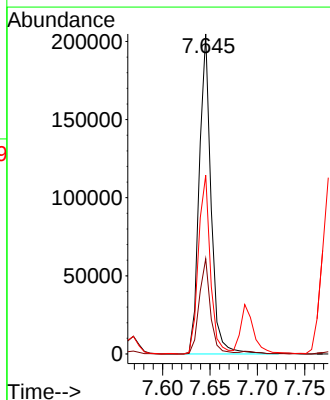
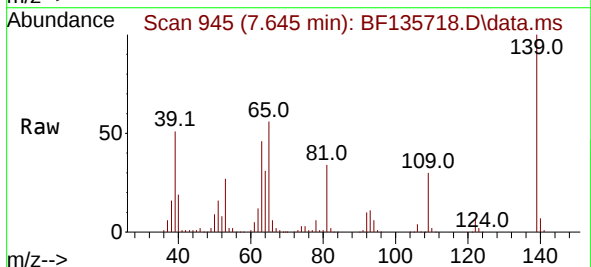
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#26
2-Nitrophenol
Concen: 60.005 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:139 Resp: 178014
Ion Ratio Lower Upper
139 100
109 29.8 22.6 33.8
65 55.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 52.551 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

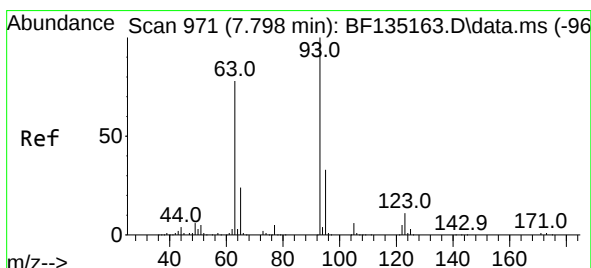
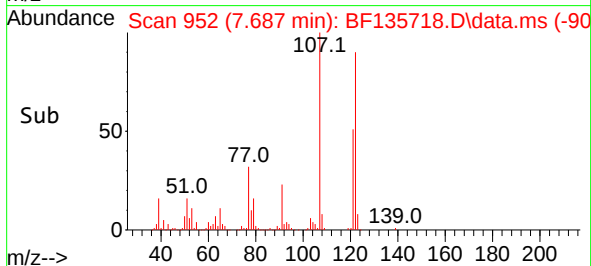
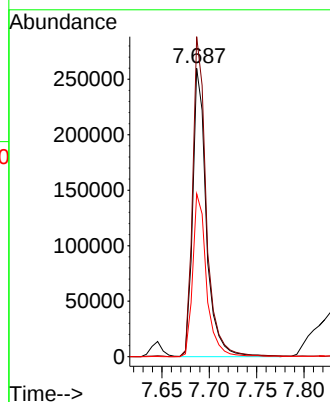
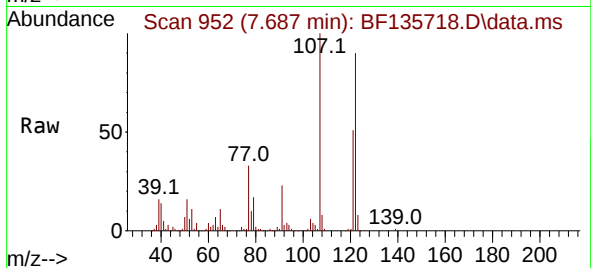
Tgt Ion:122 Resp: 262040
 Ion Ratio Lower Upper
 122 100
 107 111.0 90.2 135.4
 121 56.5 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 58.233 ng

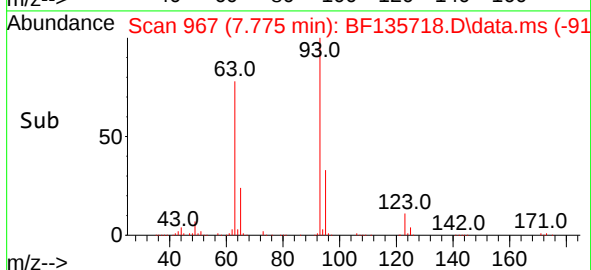
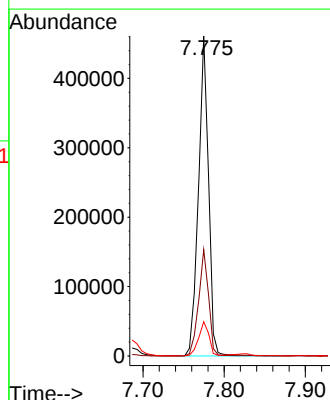
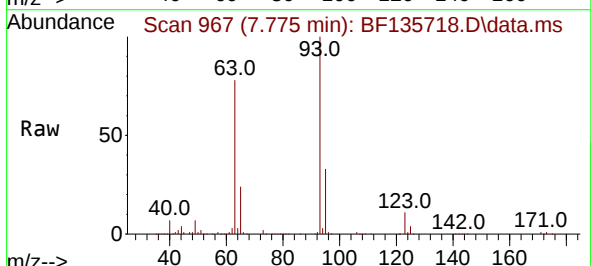
RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion: 93 Resp: 400250
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.2 39.2
 123 10.7 8.8 13.2





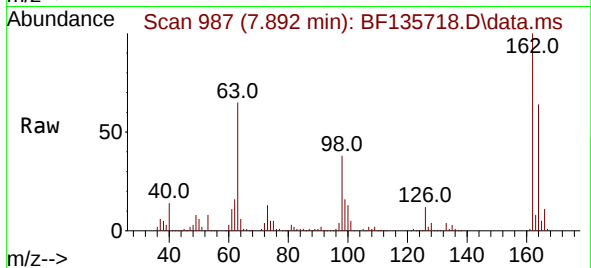
#29
2,4-Dichlorophenol
Concen: 60.869 ng
RT: 7.892 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

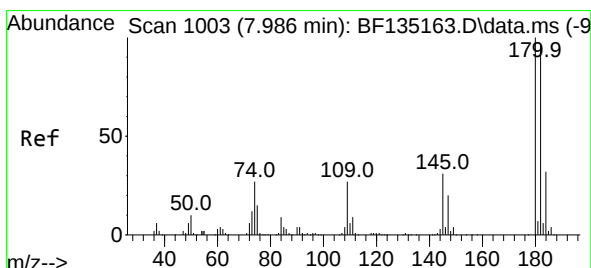
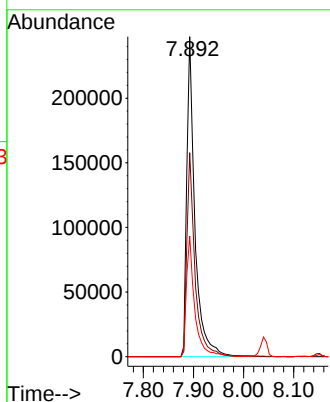
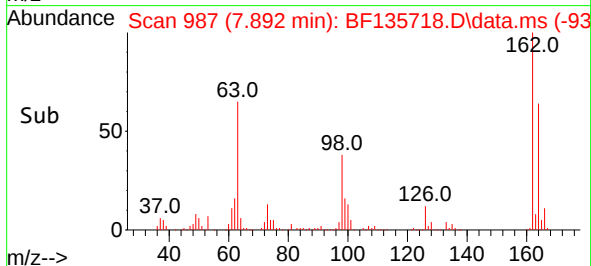


Tgt Ion:162 Resp: 281250
Ion Ratio Lower Upper
162 100
164 63.8 44.1 84.1
98 37.7 20.3 60.3

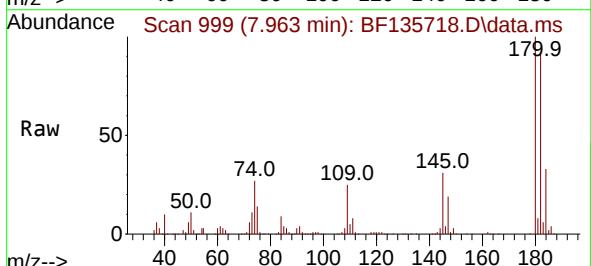
Manual Integrations

APPROVED

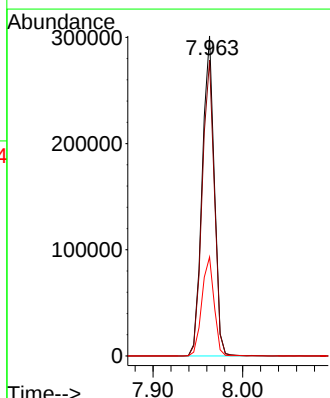
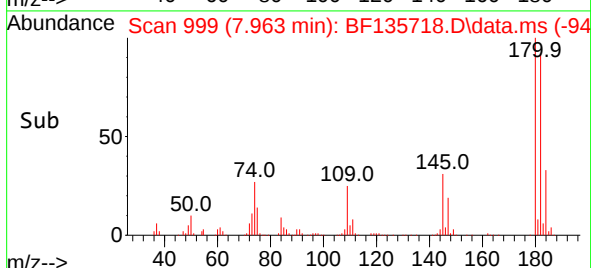
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

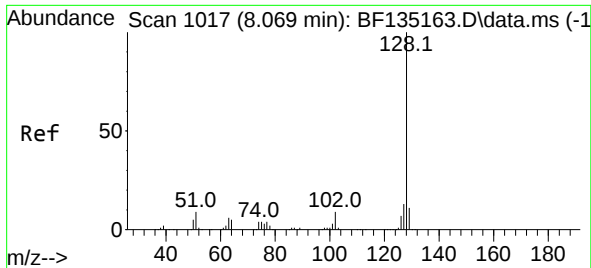


#30
1,2,4-Trichlorobenzene
Concen: 58.303 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



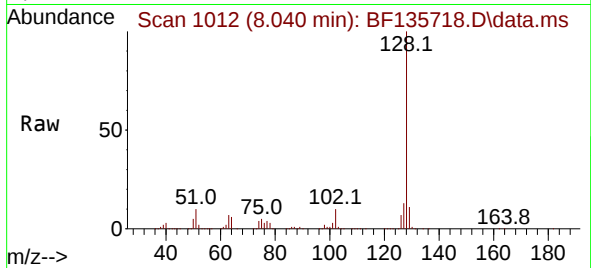
Tgt Ion:180 Resp: 281580
Ion Ratio Lower Upper
180 100
182 92.3 76.9 115.3
145 30.9 24.5 36.7





#31
Naphthalene
Concen: 56.880 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

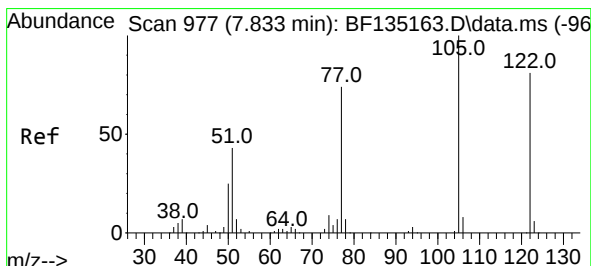
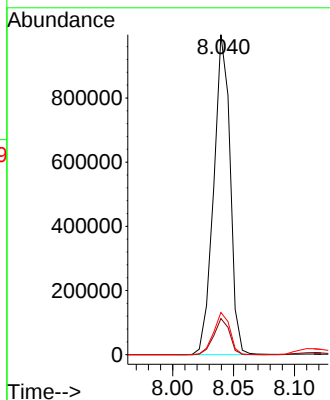
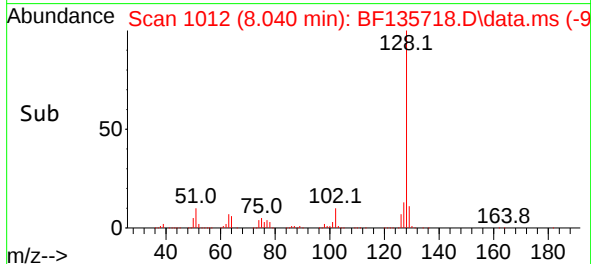
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion:128 Resp: 938974
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.7 16.1

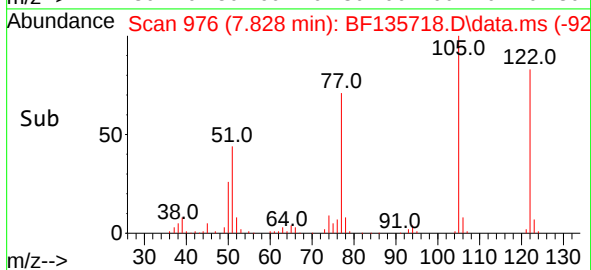
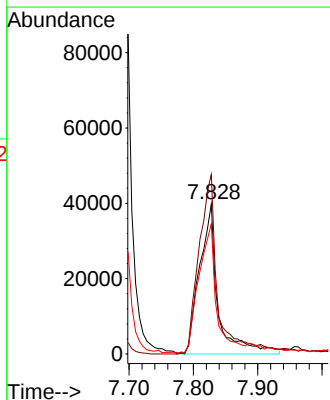
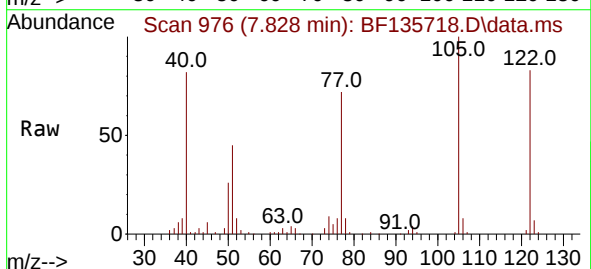
Manual Integrations
APPROVED

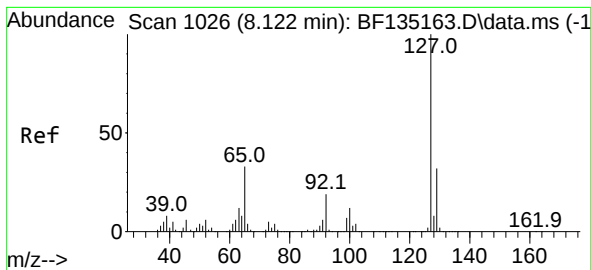
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#32
Benzoic acid
Concen: 21.393 ng m
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:122 Resp: 80330
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 86.8 70.0 110.0





#33
4-Chloroaniline
Concen: 7.416 ng m
RT: 8.110 min Scan# 1026
Delta R.T. 0.012 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

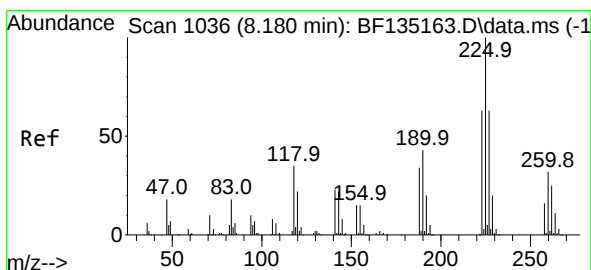
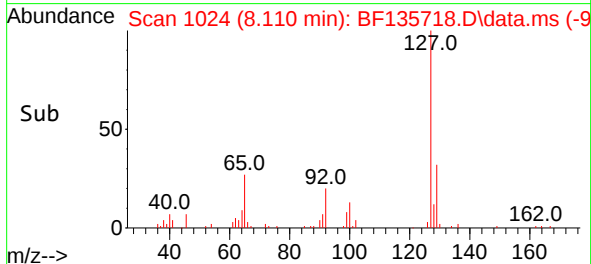
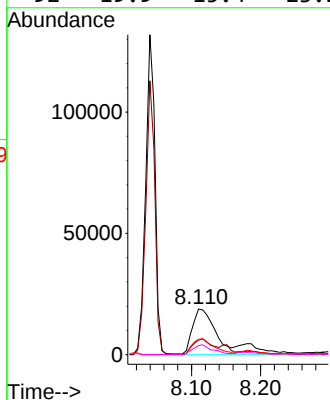
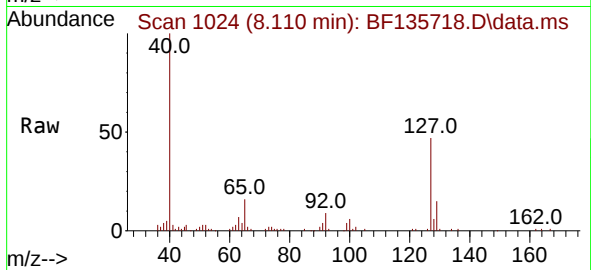
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:127 Resp: 53710

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	33.7	26.6	39.8
92	19.9	15.4	23.2

Manual Integrations
APPROVED

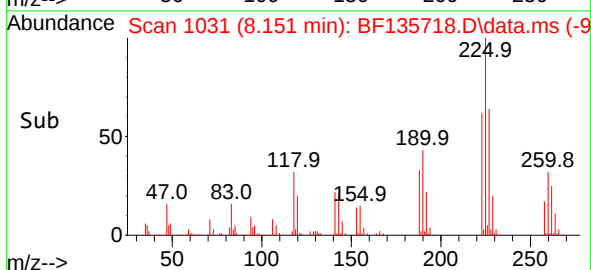
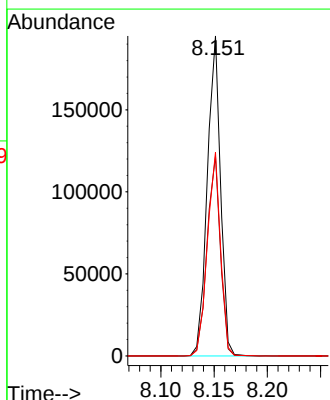
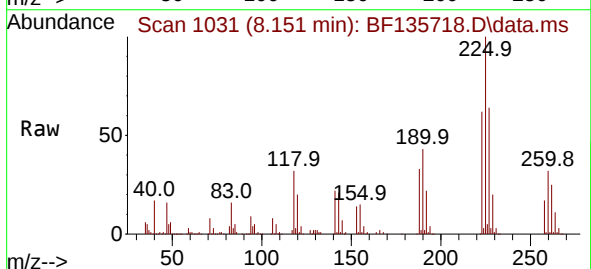
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

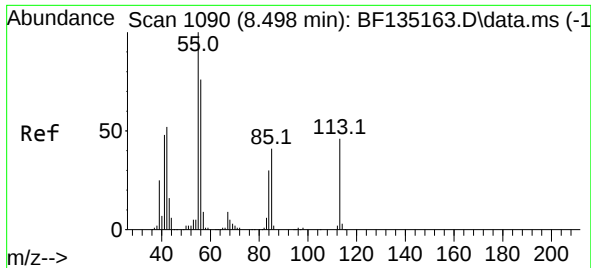


#34
Hexachlorobutadiene
Concen: 58.003 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:225 Resp: 168912

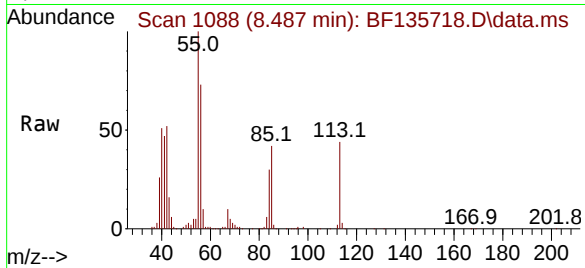
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	63.7	50.8	76.2





#35
 Caprolactam
 Concen: 50.382 ng m
 RT: 8.487 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

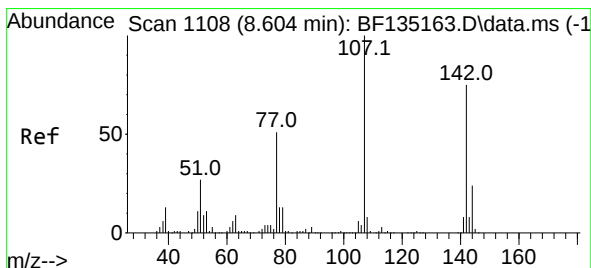
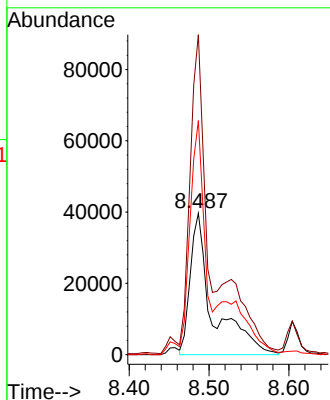
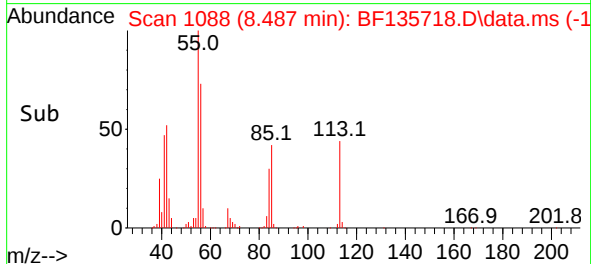
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS



Tgt Ion:113 Resp: 78130
 Ion Ratio Lower Upper
 113 100
 55 226.2 199.3 239.3
 56 165.4 146.3 186.3

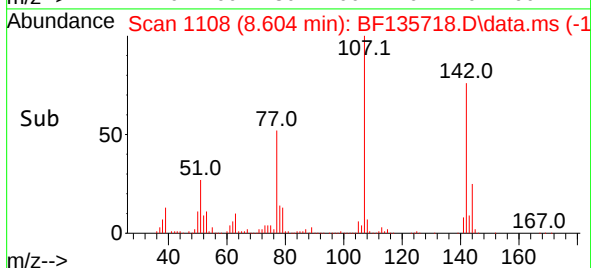
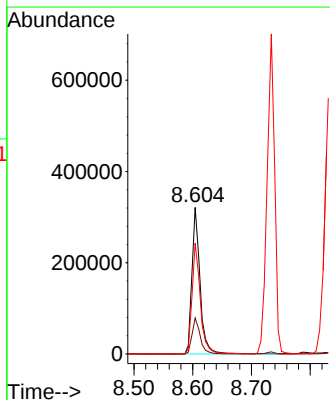
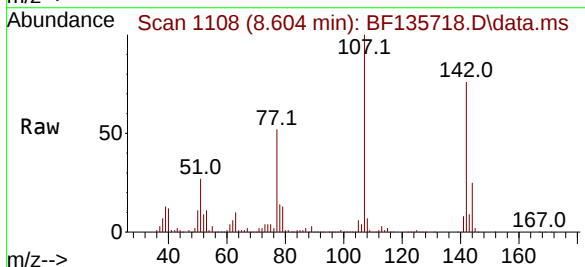
Manual Integrations
 APPROVED

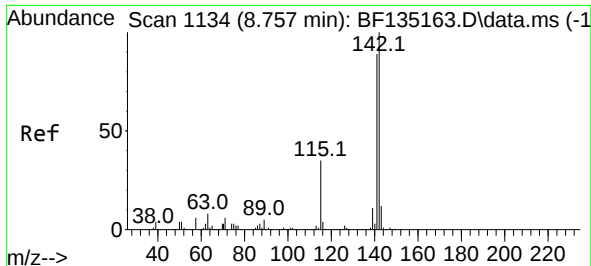
Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 60.304 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

Tgt Ion:107 Resp: 309689
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.4
 142 75.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 56.956 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:142 Resp: 632019

Ion Ratio Lower Upper

142 100

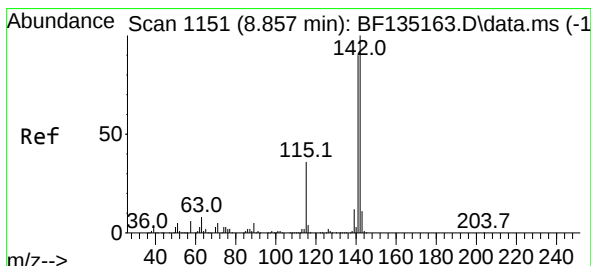
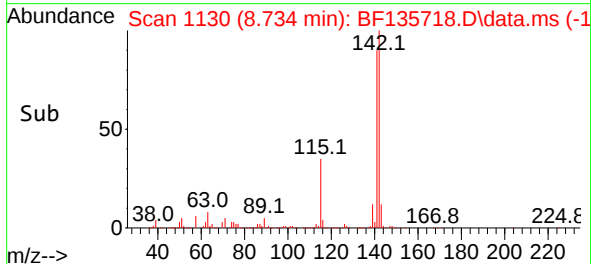
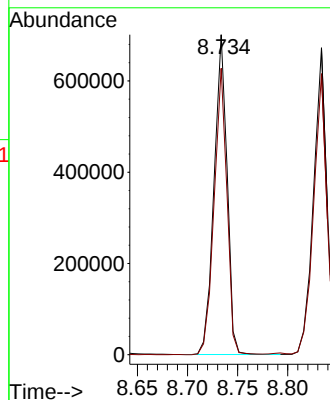
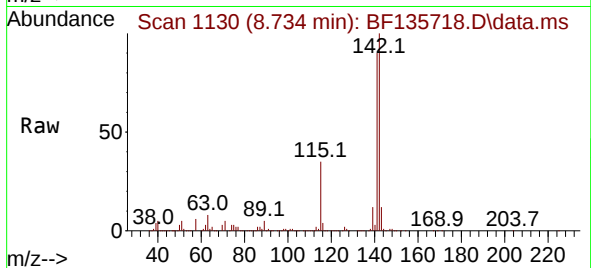
141 89.5 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#38

1-Methylnaphthalene

Concen: 58.270 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135718.D

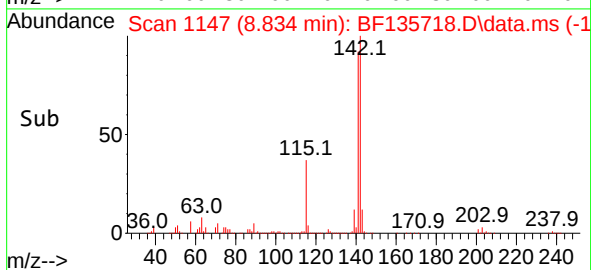
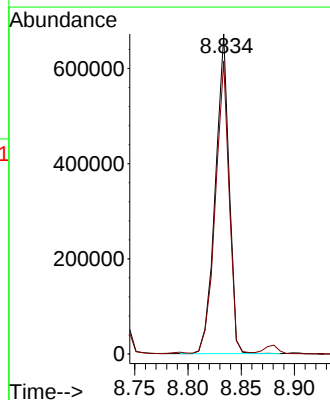
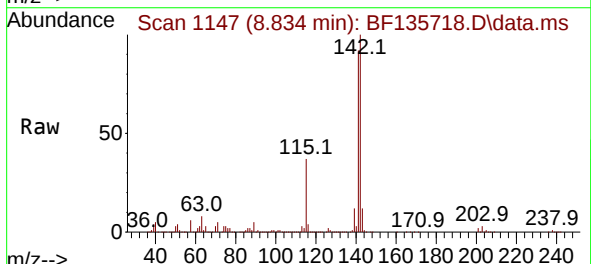
Acq: 11 Oct 2023 17:43

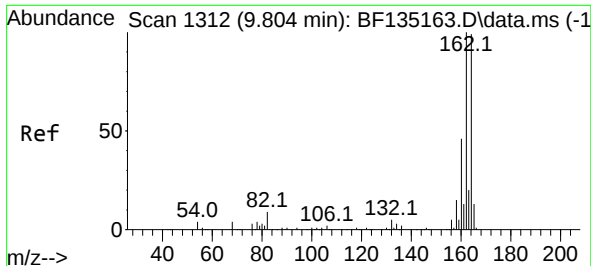
Tgt Ion:142 Resp: 605369

Ion Ratio Lower Upper

142 100

141 91.5 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:164 Resp: 17956

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.4

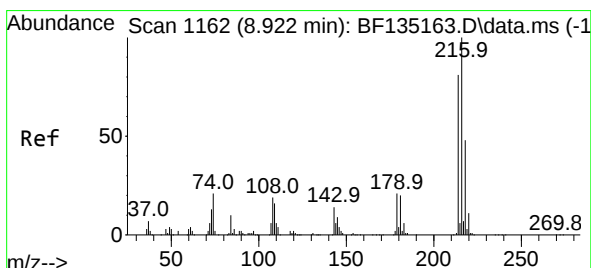
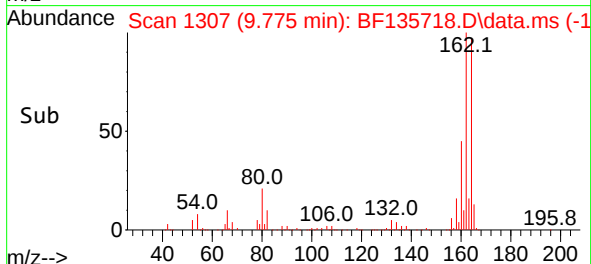
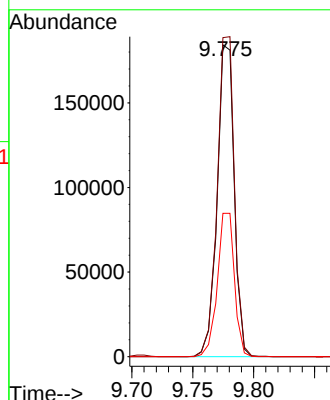
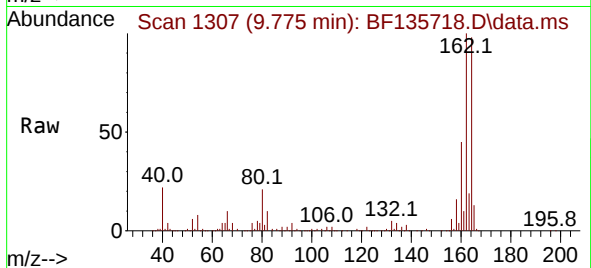
160 46.0 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.445 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion:216 Resp: 314442

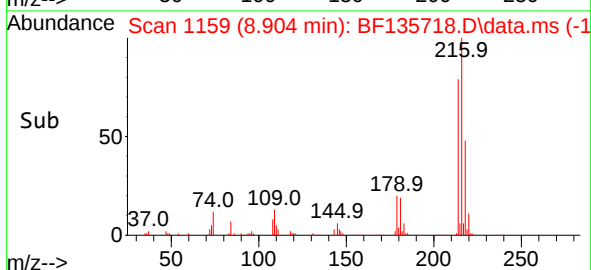
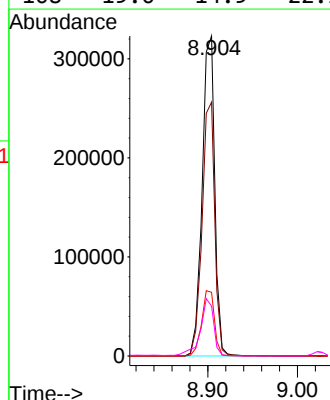
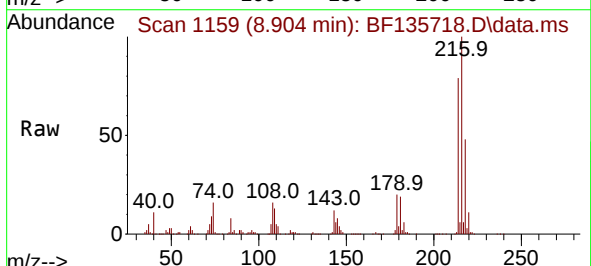
Ion Ratio Lower Upper

216 100

214 80.0 63.7 95.5

179 20.8 16.7 25.1

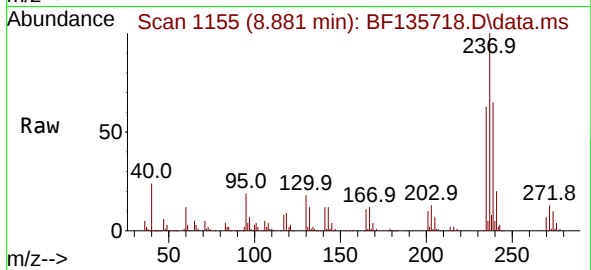
108 19.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 56.388 ng
RT: 8.881 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

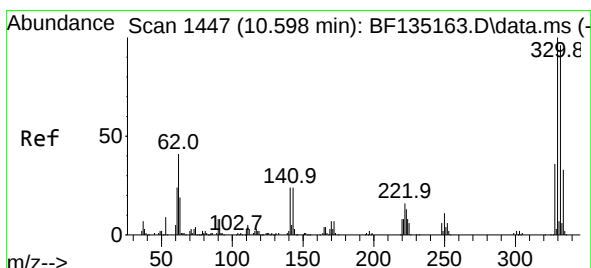
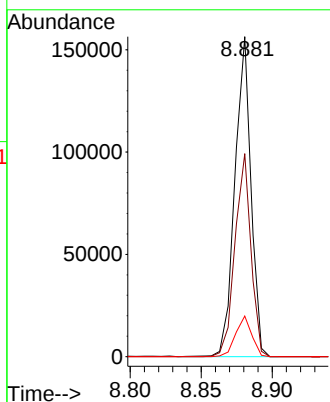
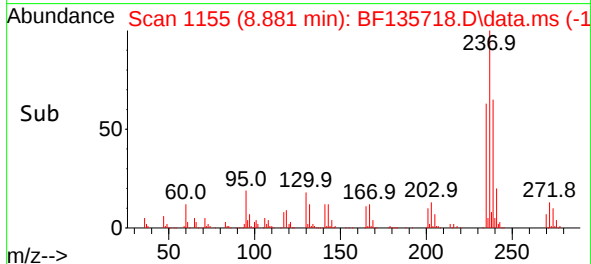
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



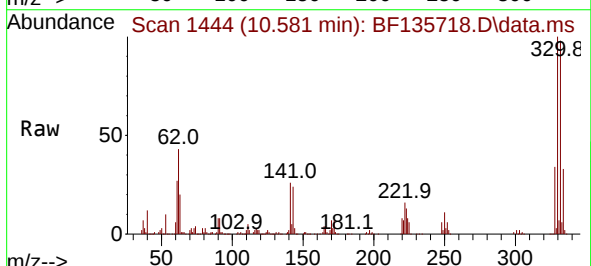
Tgt Ion: 237 Resp: 123748
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 12.7 0.0 33.6

Manual Integrations
APPROVED

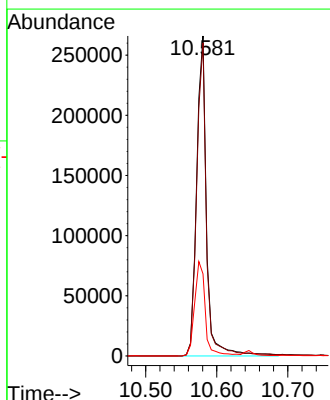
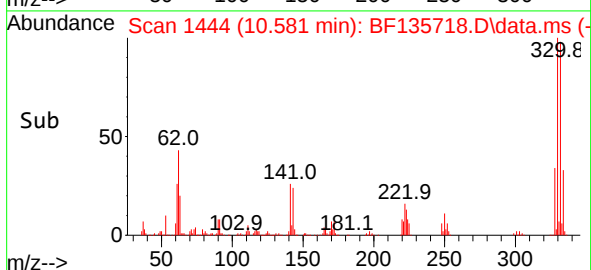
Reviewed By : Yogesh Patel 10/12/2023
Supervised By : mohammad ahmed 10/13/2023

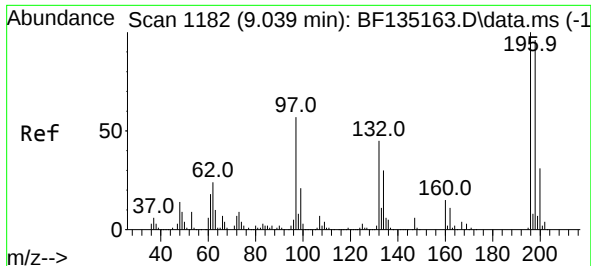


#42
2,4,6-Tribromophenol
Concen: 144.849 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



Tgt Ion: 330 Resp: 258471
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 57.685 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

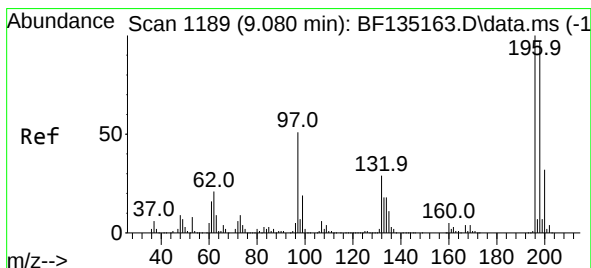
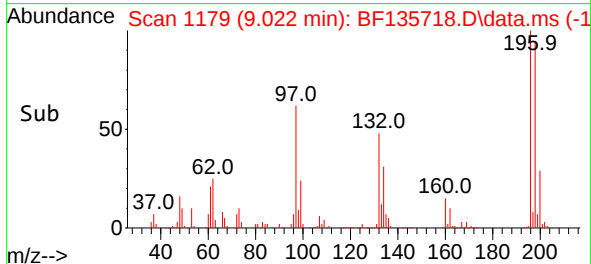
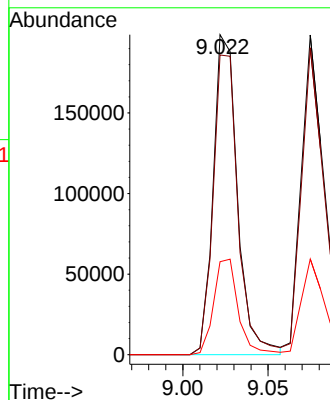
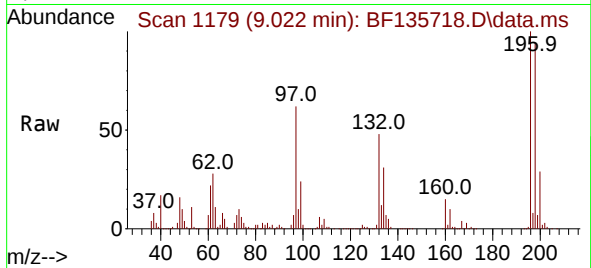
Tgt Ion:196 Resp: 196475
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.0 115.6
 200 29.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#44

2,4,5-Trichlorophenol

Concen: 53.439 ng

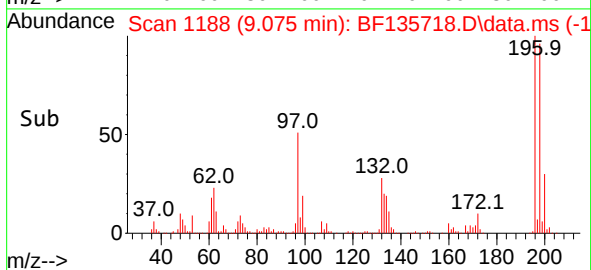
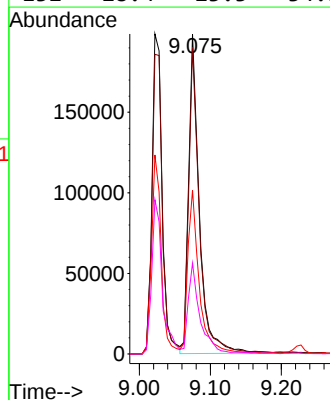
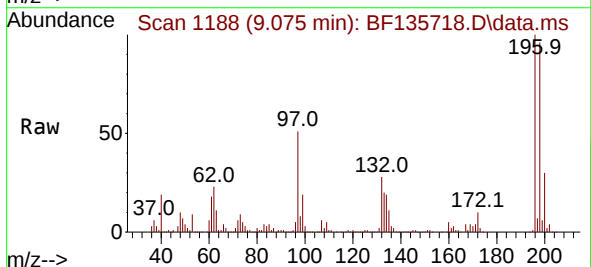
RT: 9.075 min Scan# 1188

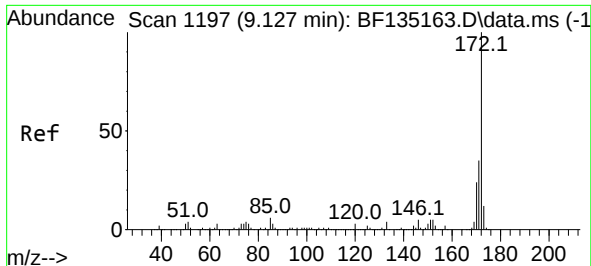
Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

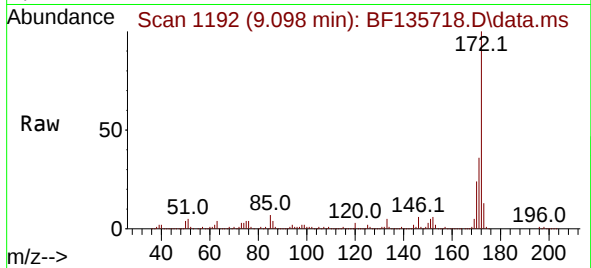
Tgt Ion:196 Resp: 209610
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.5 116.3
 97 51.2 40.5 60.7
 132 28.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 102.605 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

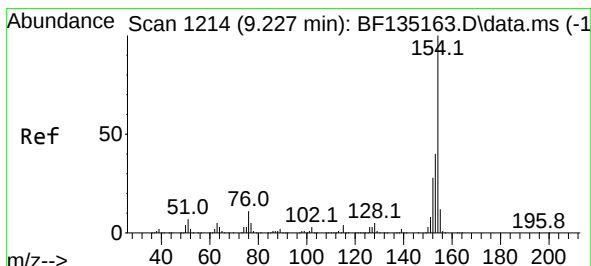
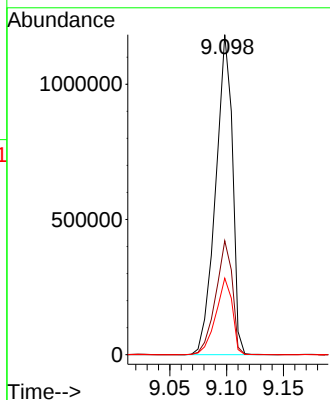
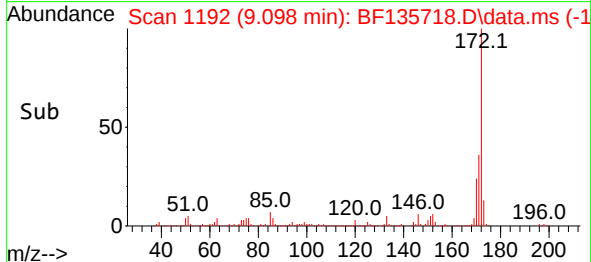
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



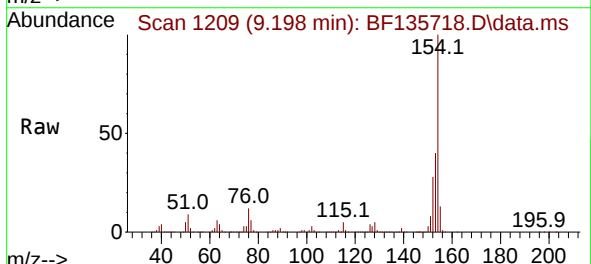
Tgt Ion:172 Resp: 122117
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.9 19.0 28.4

Manual Integrations
APPROVED

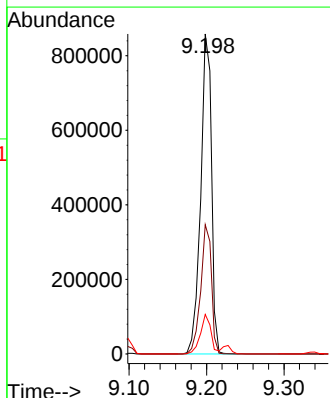
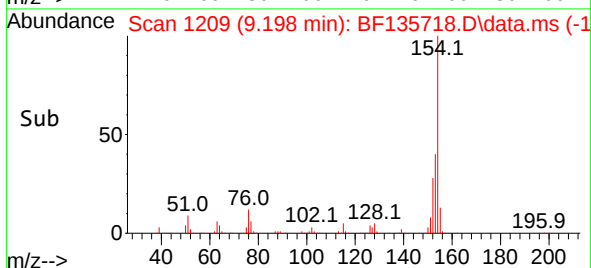
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

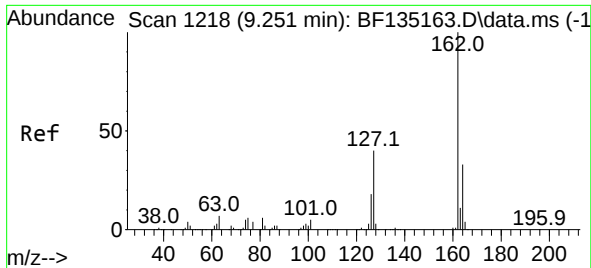


#46
1,1'-Biphenyl
Concen: 60.205 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



Tgt Ion:154 Resp: 830777
Ion Ratio Lower Upper
154 100
153 40.4 19.6 59.6
76 12.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 60.984 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

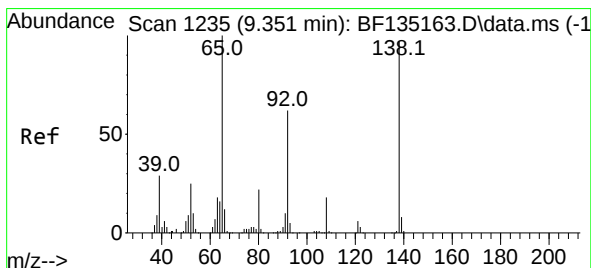
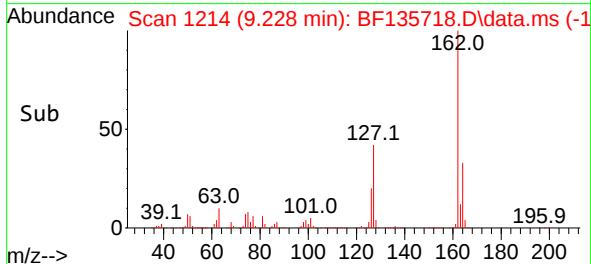
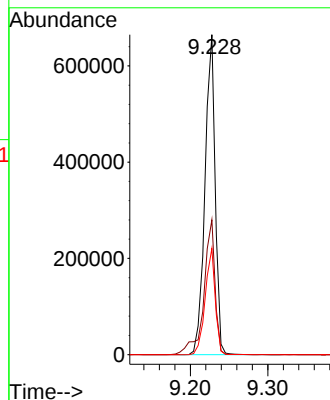
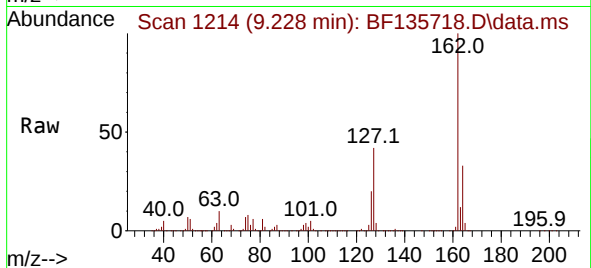
Tgt Ion:	162	Resp:	610572
Ion Ratio	Lower	Upper	
162	100		
127	42.2	32.6	48.8
164	33.2	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#48

2-Nitroaniline

Concen: 58.419 ng

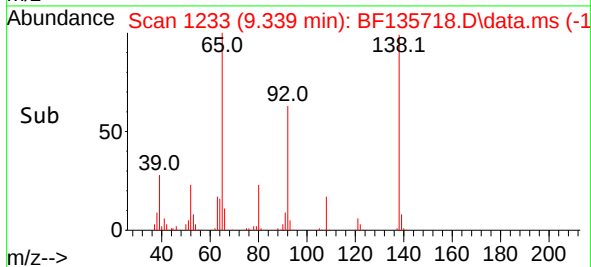
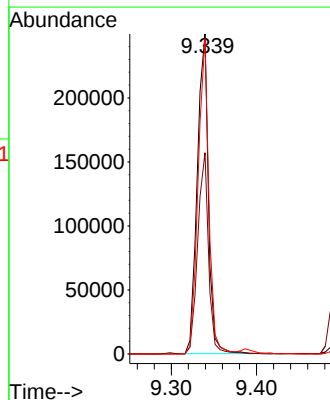
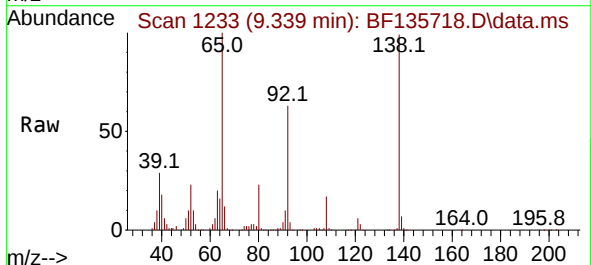
RT: 9.339 min Scan# 1233

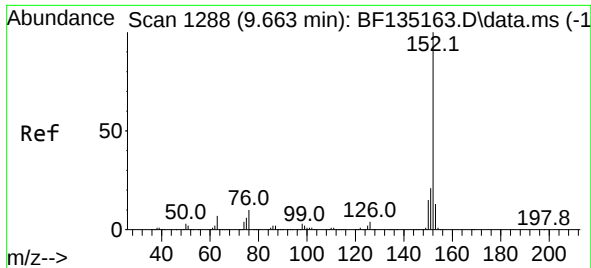
Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

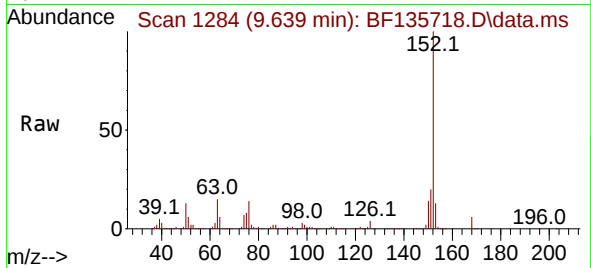
Tgt Ion:	65	Resp:	227231
Ion Ratio	Lower	Upper	
65	100		
92	62.9	49.4	74.0
138	98.6	77.4	116.0





#49
Acenaphthylene
Concen: 58.840 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

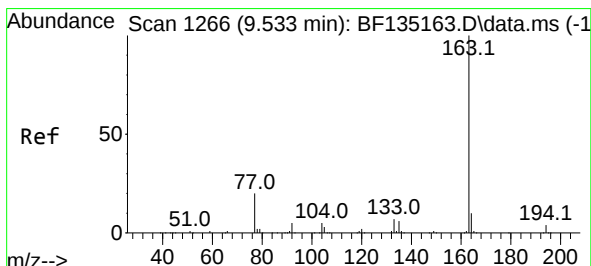
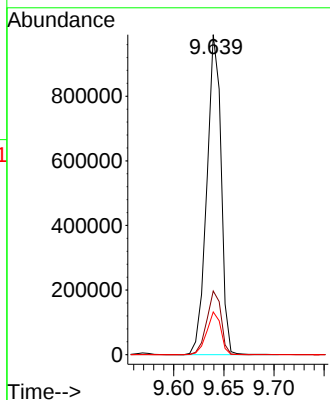
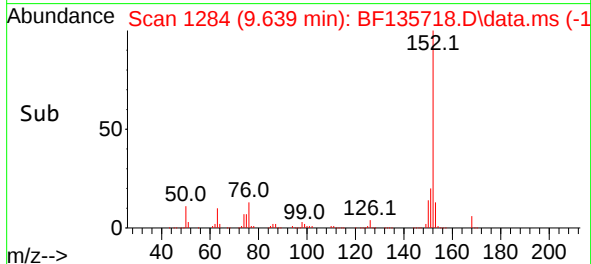
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



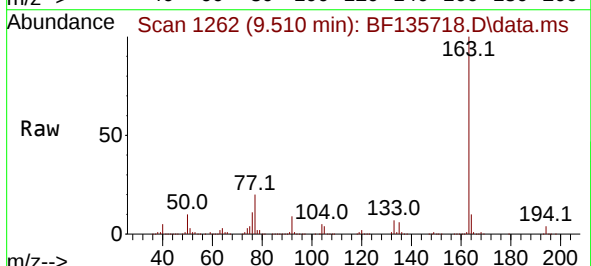
Tgt Ion:152 Resp: 979068
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.4 10.4 15.6

Manual Integrations
APPROVED

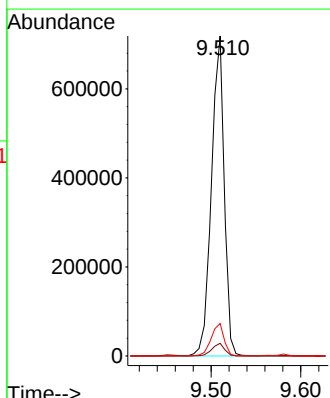
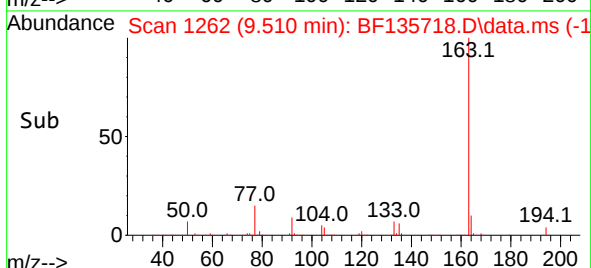
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

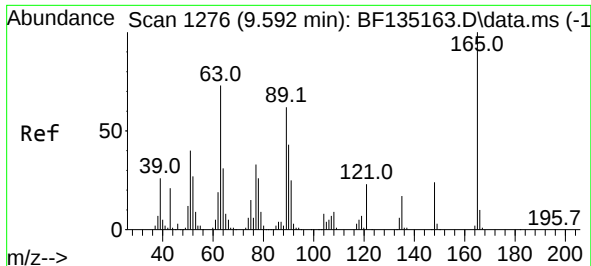


#50
Dimethylphthalate
Concen: 58.646 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



Tgt Ion:163 Resp: 711983
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 57.661 ng

RT: 9.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:165 Resp: 15335

Ion Ratio Lower Upper

165 100

63 75.5 59.4 89.2

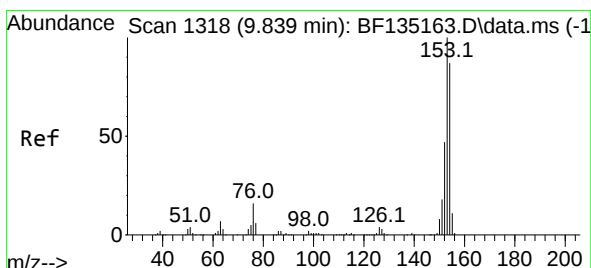
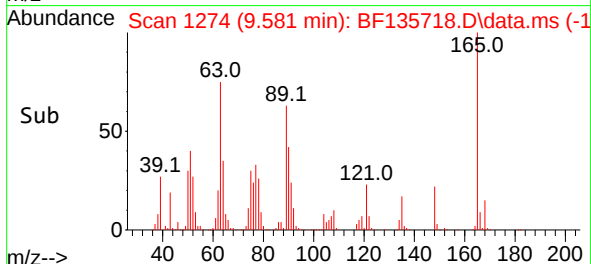
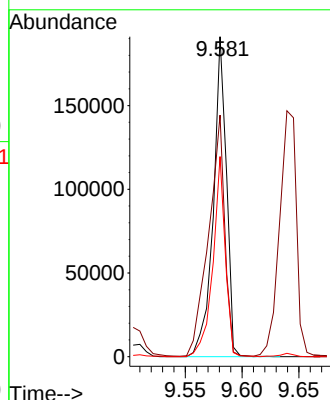
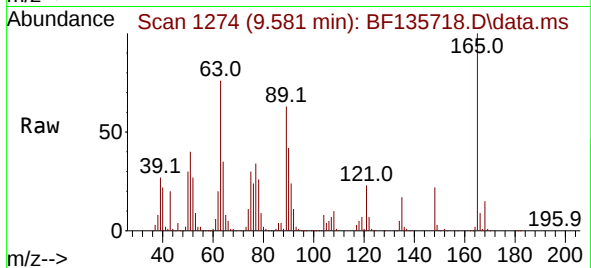
89 62.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#52

Acenaphthene

Concen: 59.188 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

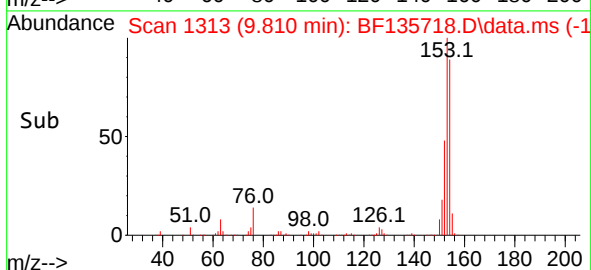
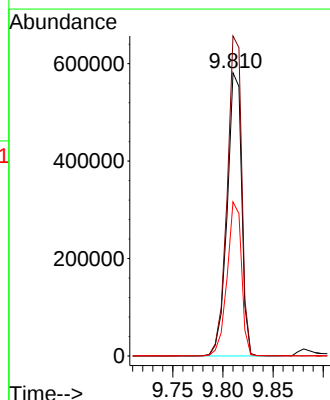
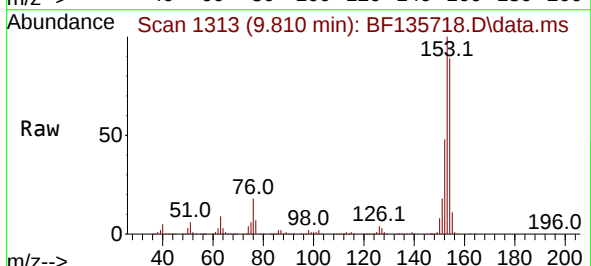
Tgt Ion:154 Resp: 581797

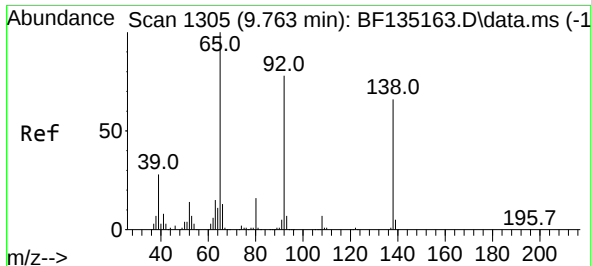
Ion Ratio Lower Upper

154 100

153 113.0 92.1 138.1

152 54.4 43.1 64.7





#53
3-Nitroaniline
Concen: 20.343 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

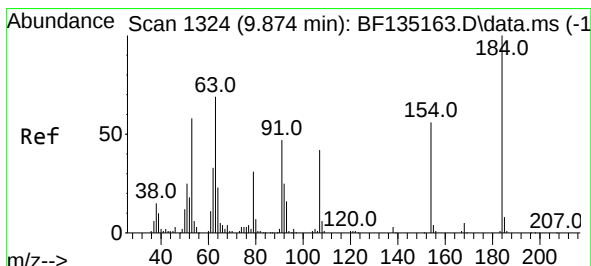
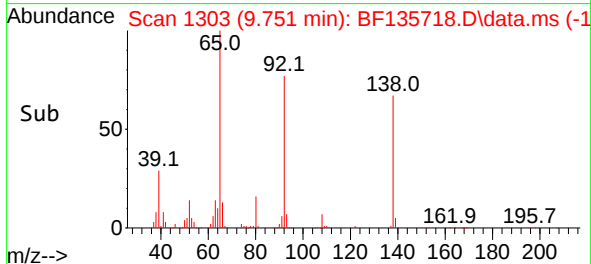
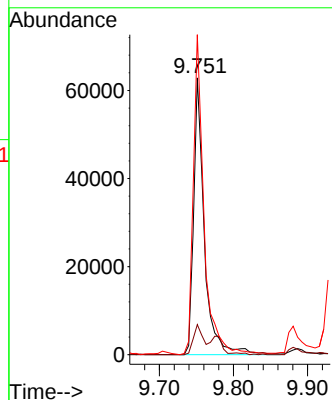
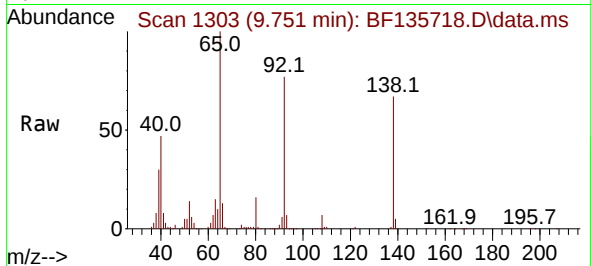
VNJ-223MS

Tgt Ion:138 Resp: 63508
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 115.6 95.4 143.0

Manual Integrations

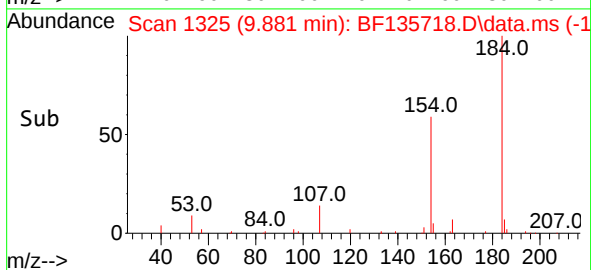
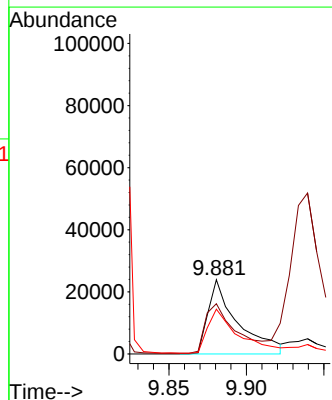
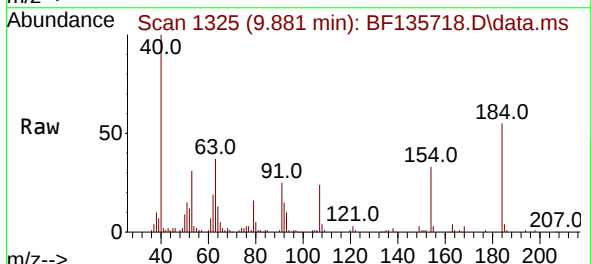
APPROVED

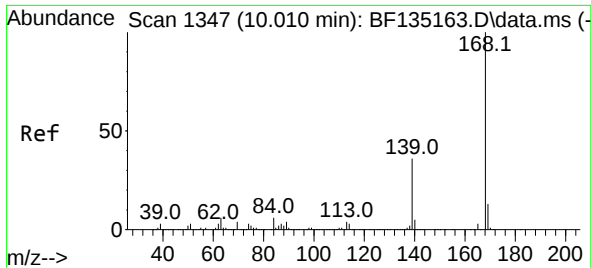
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#54
2,4-Dinitrophenol
Concen: 25.645 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

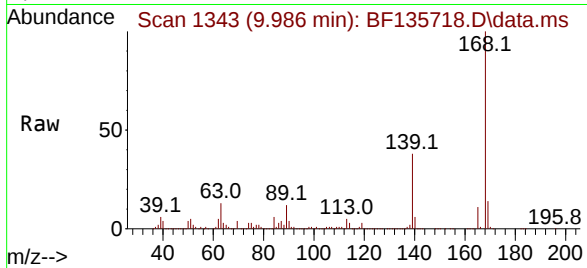
Tgt Ion:184 Resp: 31767
Ion Ratio Lower Upper
184 100
63 67.5 55.1 82.7
154 60.2 48.4 72.6





#55
Dibenzenofuran
Concen: 56.771 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

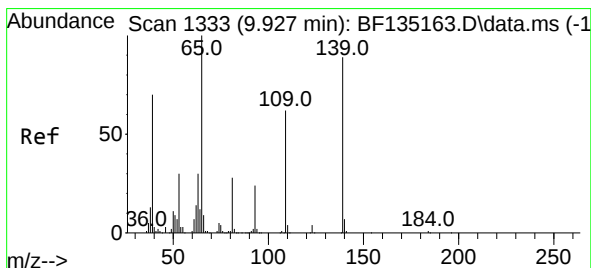
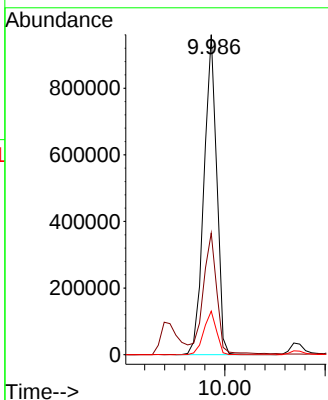
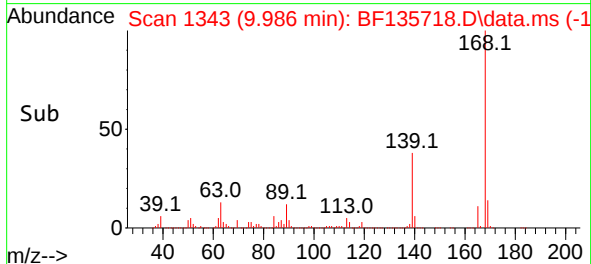
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



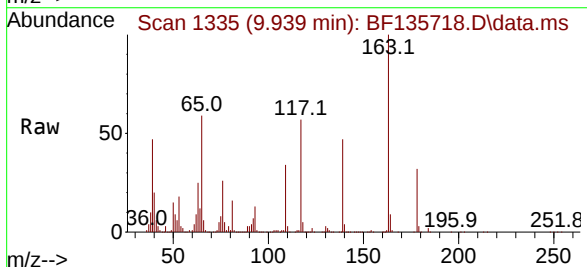
Tgt Ion:168 Resp: 85155
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations
APPROVED

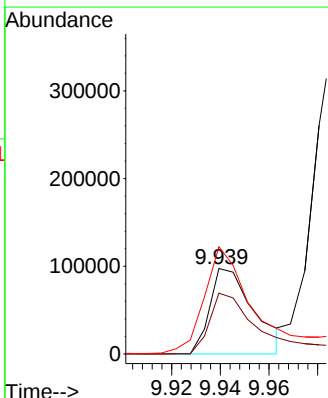
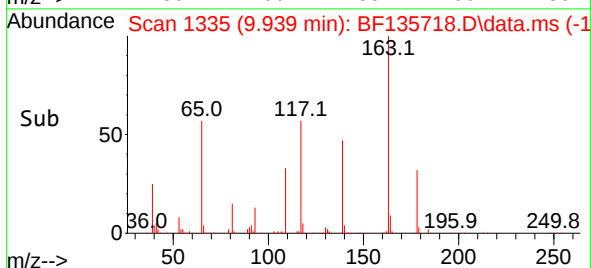
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

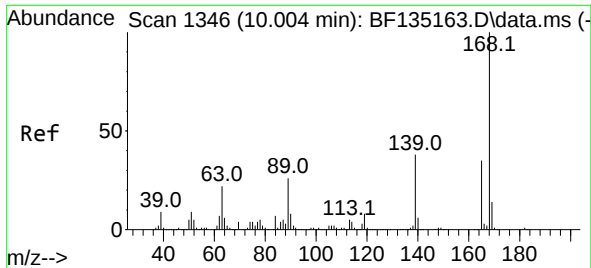


#56
4-Nitrophenol
Concen: 61.218 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



Tgt Ion:139 Resp: 121463
Ion Ratio Lower Upper
139 100
109 71.3 49.8 89.8
65 125.6 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 56.855 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

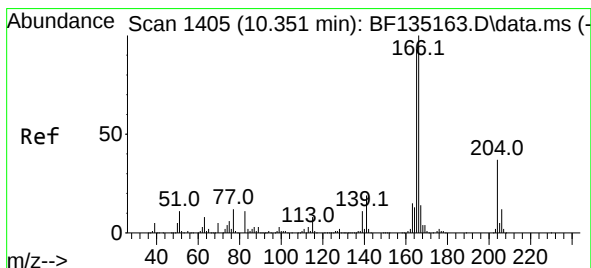
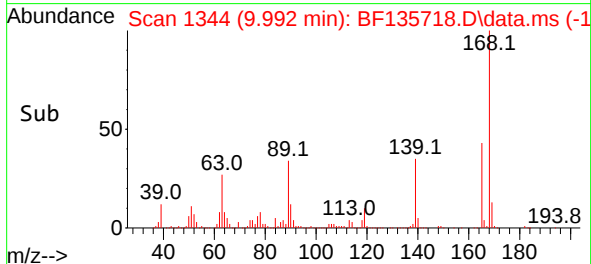
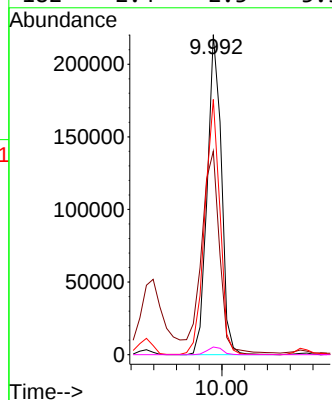
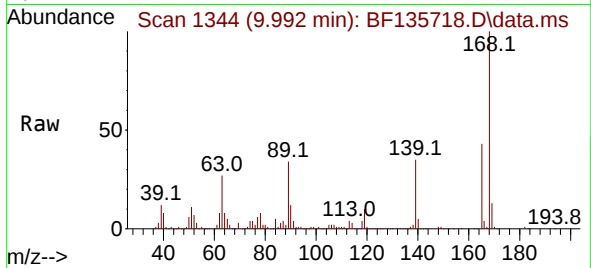
VNJ-223MS

Tgt Ion:165 Resp: 189300
Ion Ratio Lower Upper
165 100
63 63.6 50.1 75.1
89 79.7 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations

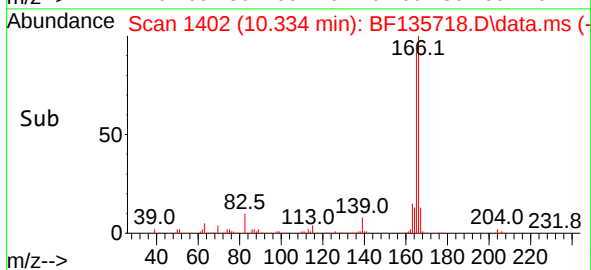
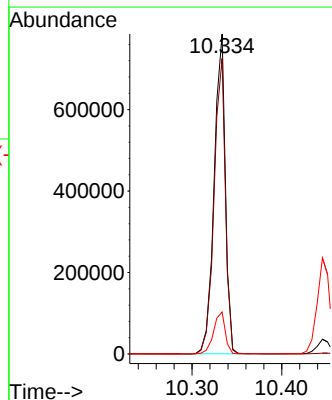
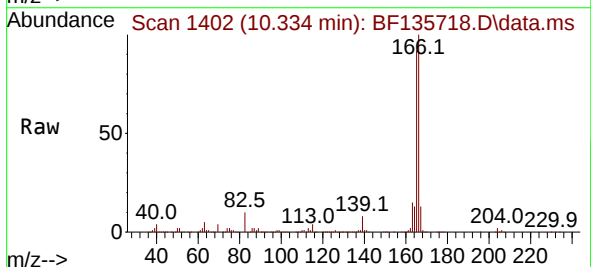
APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#58
Fluorene
Concen: 59.106 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

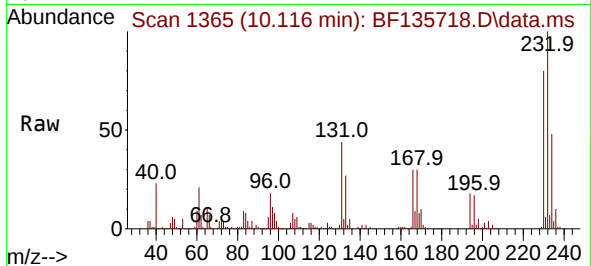
Tgt Ion:166 Resp: 681565
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.472 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

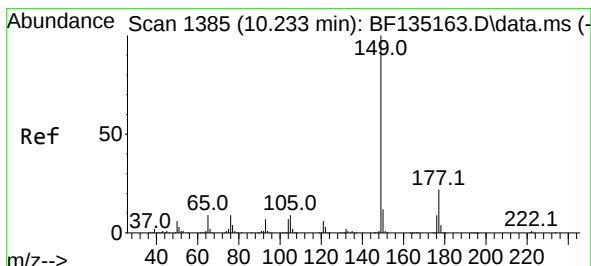
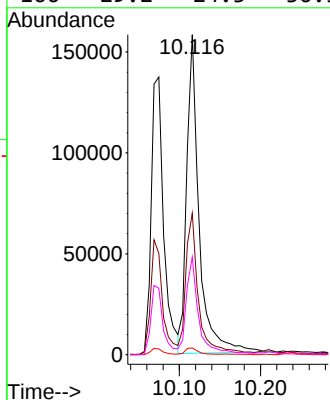
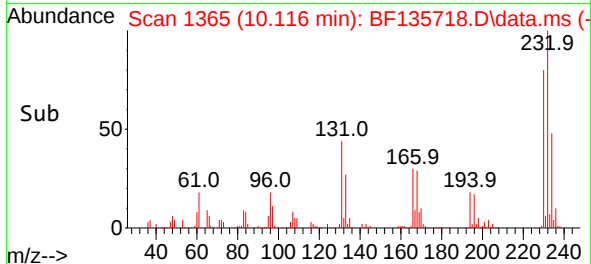
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion:232 Resp: 16737
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.2
130 2.0 1.8 2.8
166 29.2 24.3 36.5

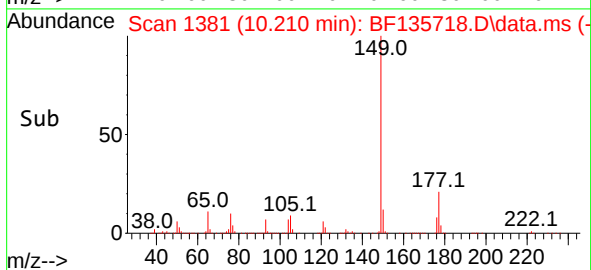
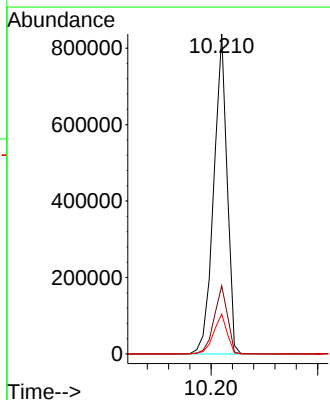
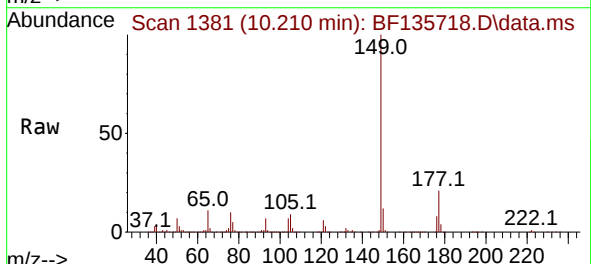
Manual Integrations
APPROVED

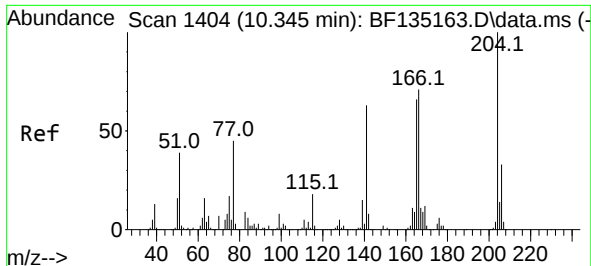
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#60
Diethylphthalate
Concen: 59.879 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

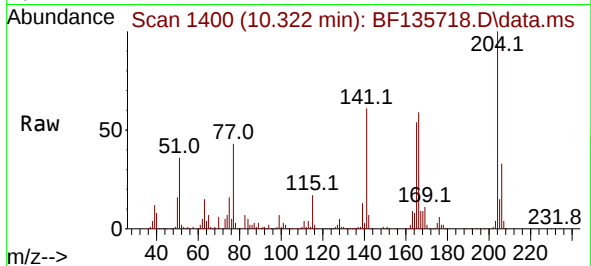
Tgt Ion:149 Resp: 729557
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 58.181 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

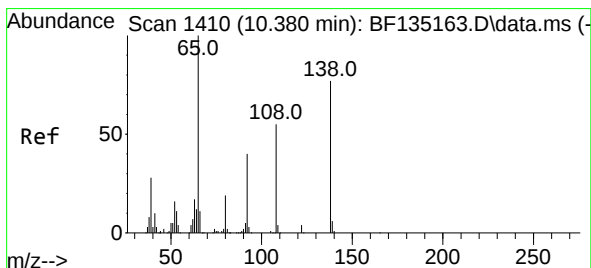
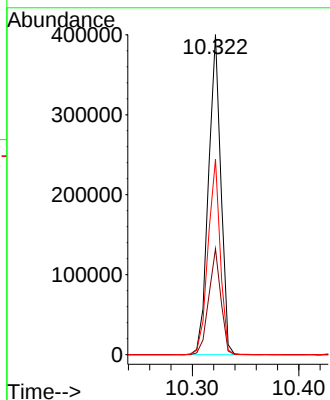
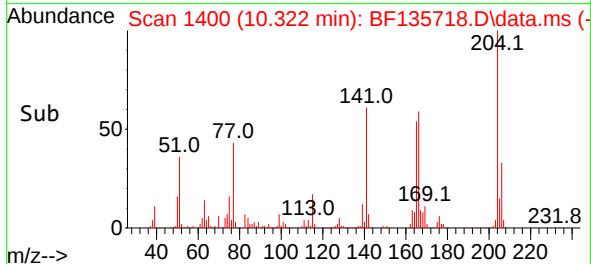
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion:204 Resp: 32228
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 61.1 50.6 75.8

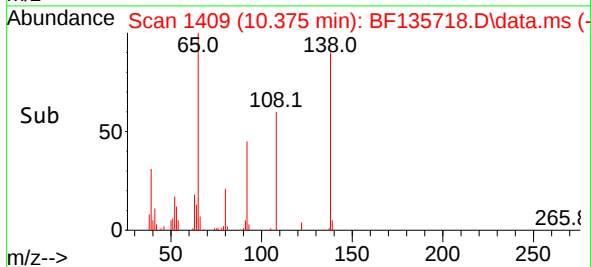
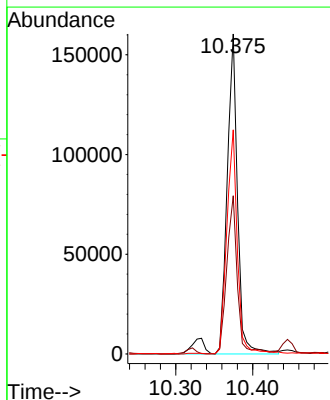
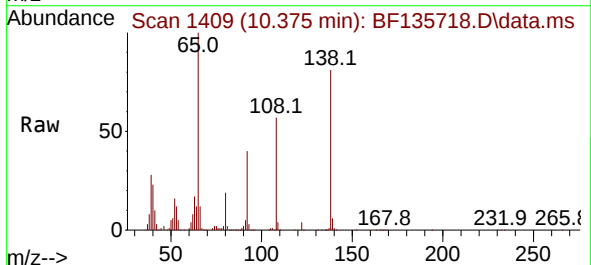
Manual Integrations
APPROVED

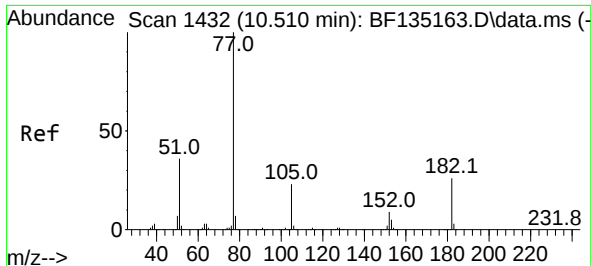
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#62
4-Nitroaniline
Concen: 52.622 ng m
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

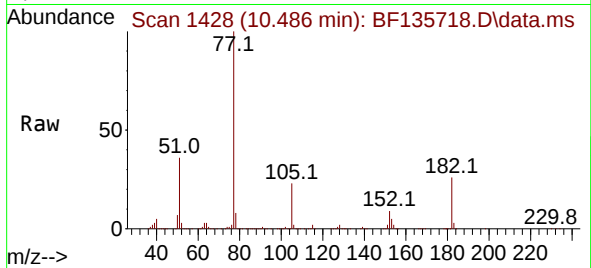
Tgt Ion:138 Resp: 157911
Ion Ratio Lower Upper
138 100
92 49.5 31.8 71.8
108 70.1 52.0 92.0





#63
Azobenzene
Concen: 58.348 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

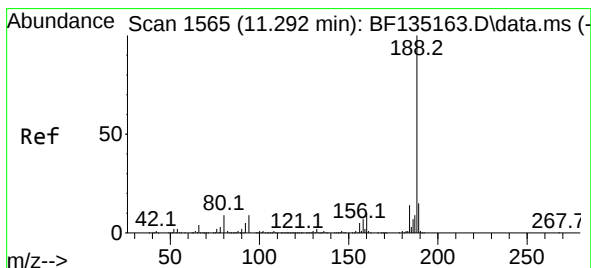
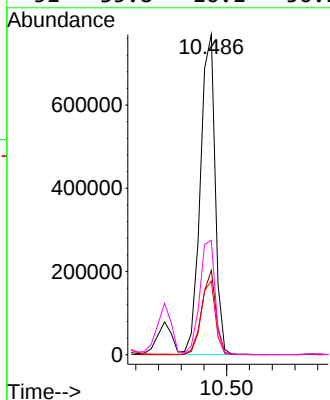
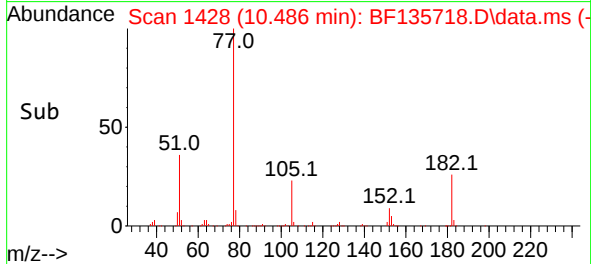
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



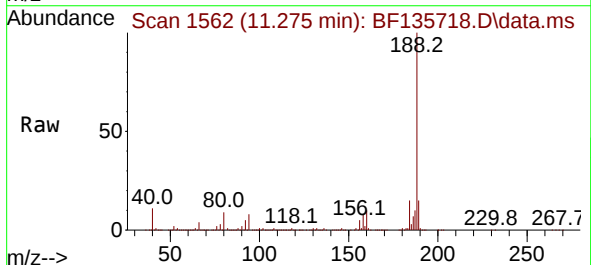
Tgt Ion: 77 Resp: 695754
Ion Ratio Lower Upper
77 100
182 26.4 6.4 46.4
105 23.0 3.1 43.1
51 35.8 16.1 56.1

Manual Integrations
APPROVED

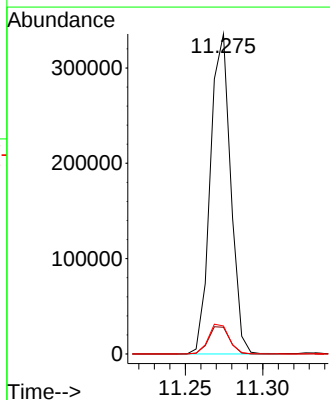
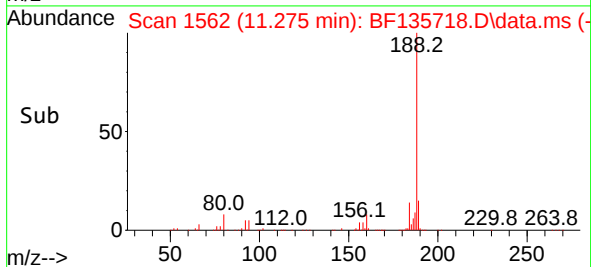
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

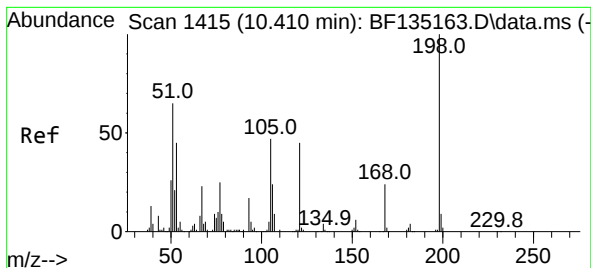


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



Tgt Ion:188 Resp: 306149
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.7 7.5 11.3





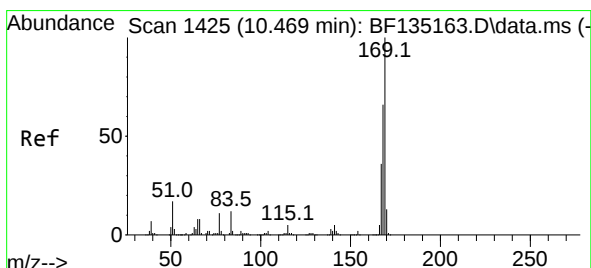
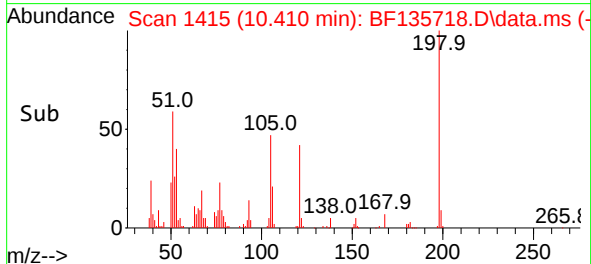
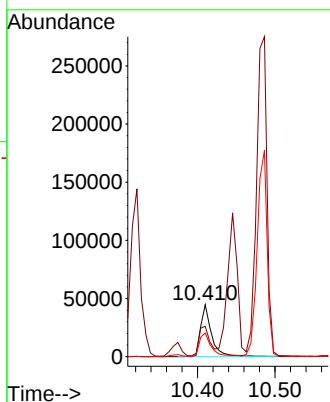
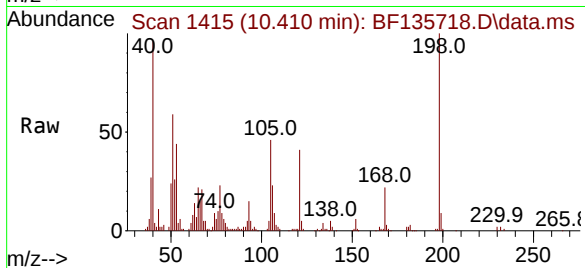
#65
4,6-Dinitro-2-methylphenol
Concen: 26.915 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:198 Resp: 4376
Ion Ratio Lower Upper
198 100
51 58.6 47.7 87.7
105 45.6 27.4 67.4

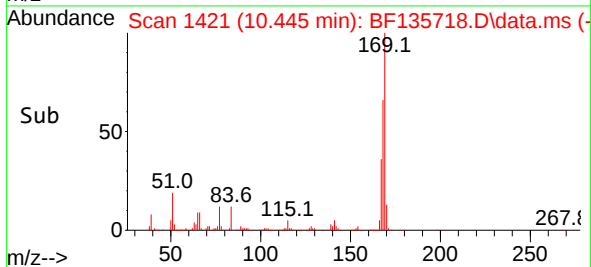
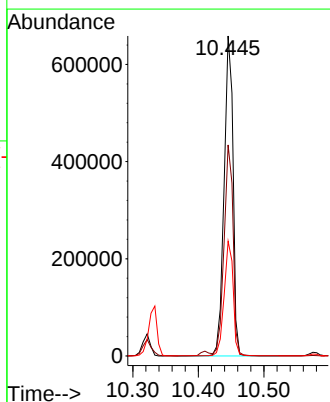
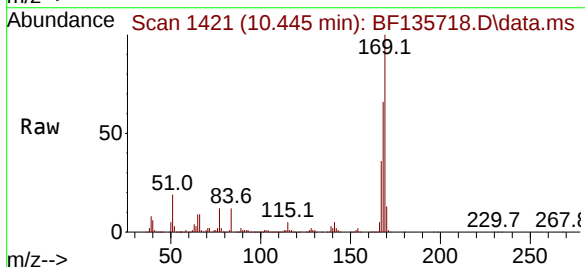
Manual Integrations
APPROVED

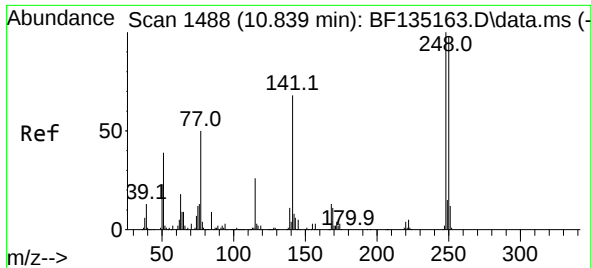
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#66
n-Nitrosodiphenylamine
Concen: 66.805 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

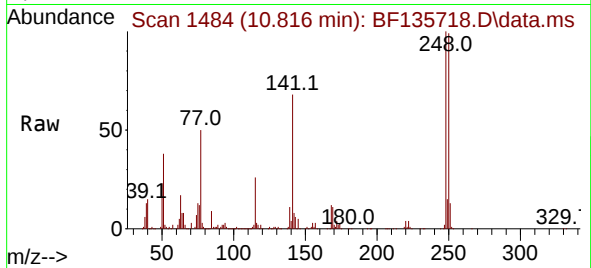
Tgt Ion:169 Resp: 619182
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 65.698 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

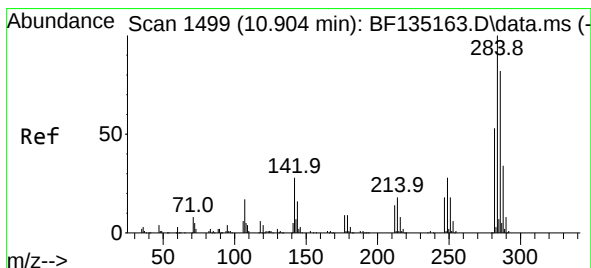
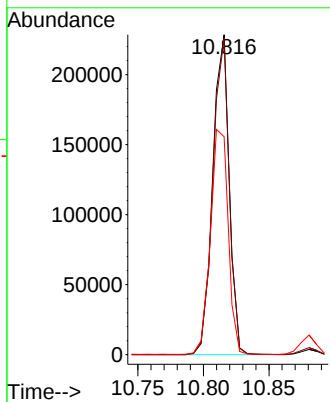
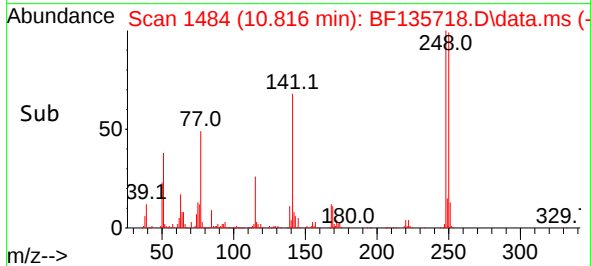
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



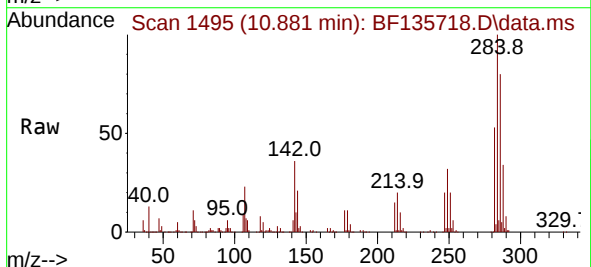
Tgt Ion:248 Resp: 20004
Ion Ratio Lower Upper
248 100
250 98.9 78.6 117.8
141 68.1 54.2 81.2

Manual Integrations
APPROVED

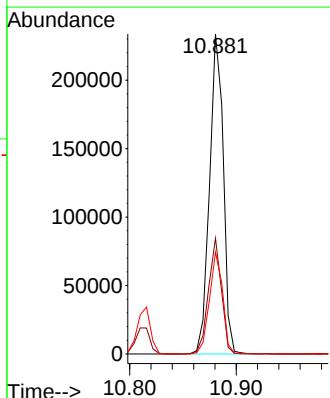
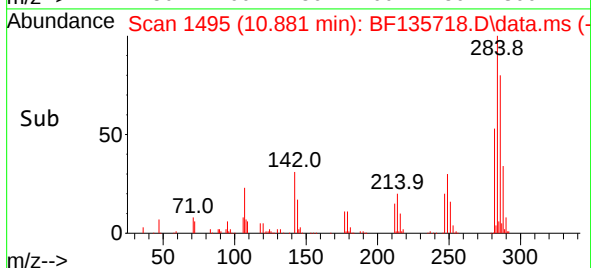
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

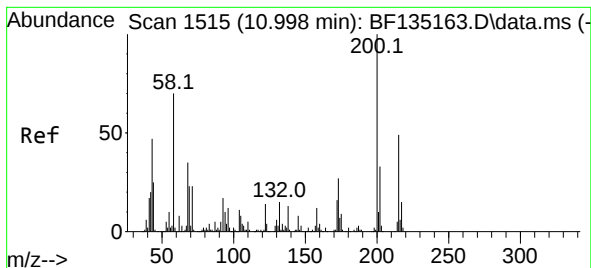


#68
Hexachlorobenzene
Concen: 67.493 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43



Tgt Ion:284 Resp: 209365
Ion Ratio Lower Upper
284 100
142 36.2 22.2 33.4#
249 31.8 22.5 33.7





#69

Atrazine

Concen: 74.073 ng

RT: 10.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF135718.D

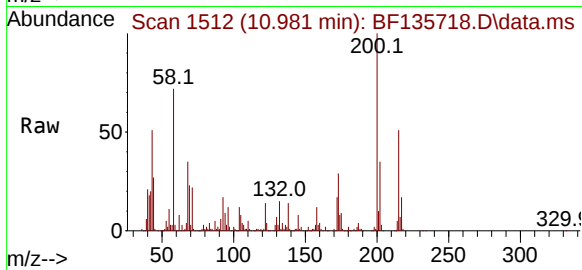
Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS



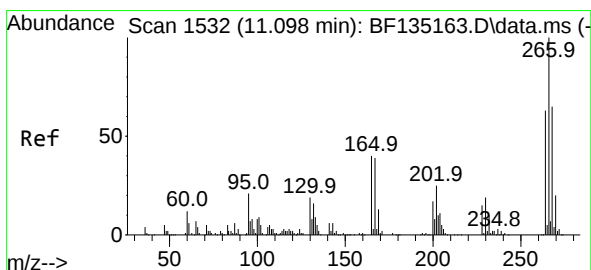
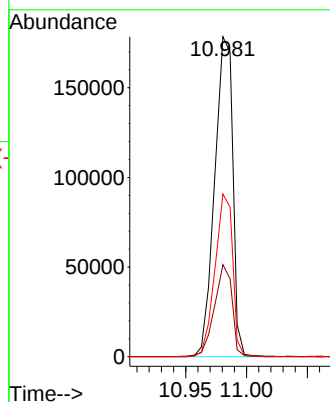
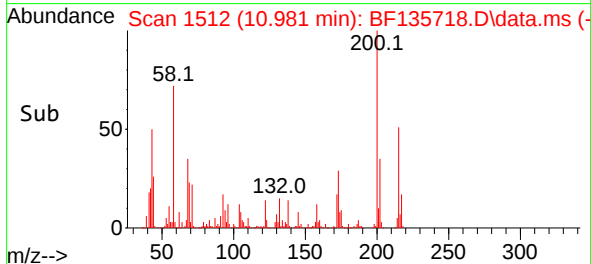
Tgt Ion:	200	Resp:	18473
Ion Ratio	Lower	Upper	
200	100		
173	28.8	7.4	47.4
215	50.9	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#70

Pentachlorophenol

Concen: 55.893 ng m

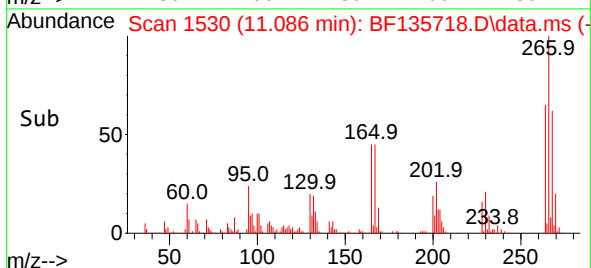
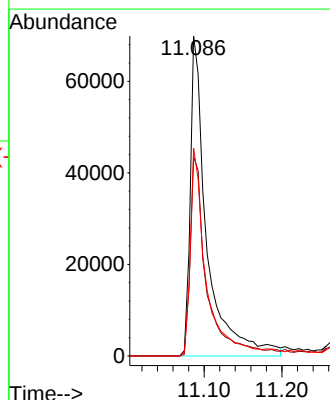
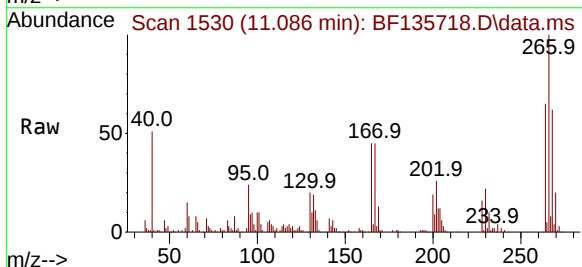
RT: 11.086 min Scan# 1530

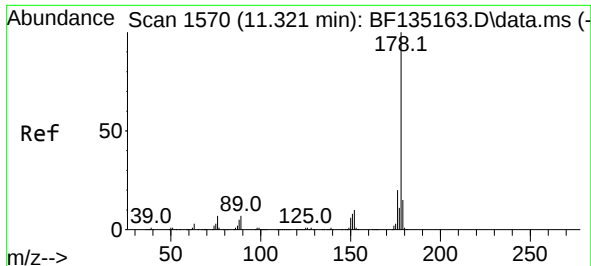
Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion:	266	Resp:	103734
Ion Ratio	Lower	Upper	
266	100		
268	62.2	52.1	78.1
264	64.9	50.8	76.2





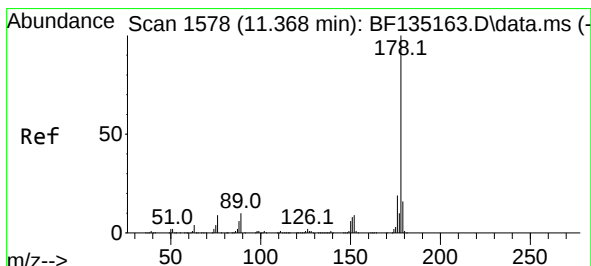
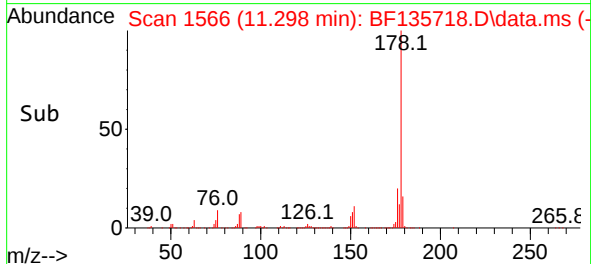
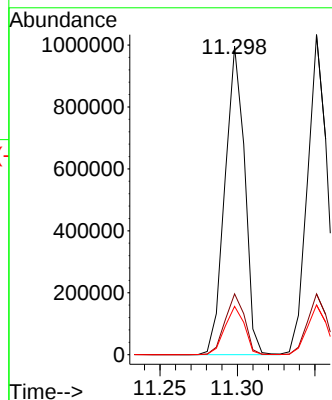
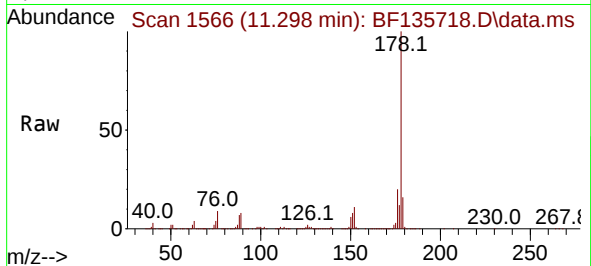
#71
Phenanthrene
Concen: 60.909 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:178 Resp: 881930
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.0 18.0

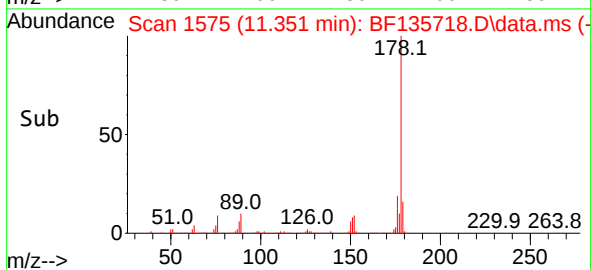
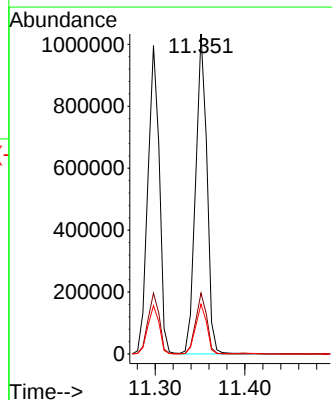
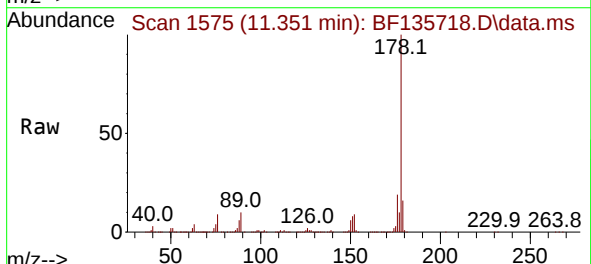
Manual Integrations
APPROVED

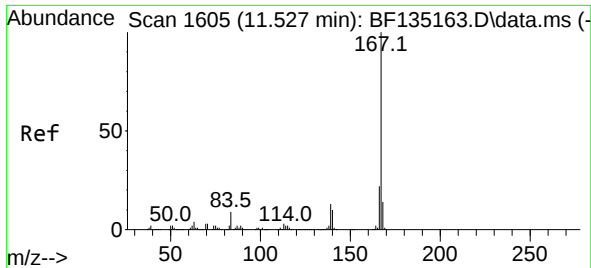
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#72
Anthracene
Concen: 60.737 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

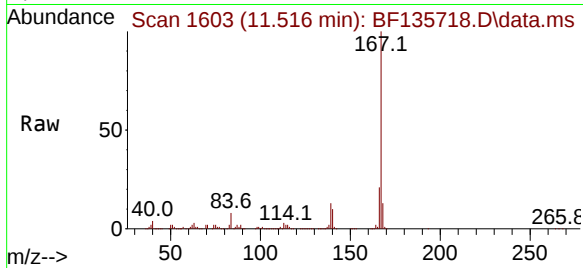
Tgt Ion:178 Resp: 903979
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 59.364 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

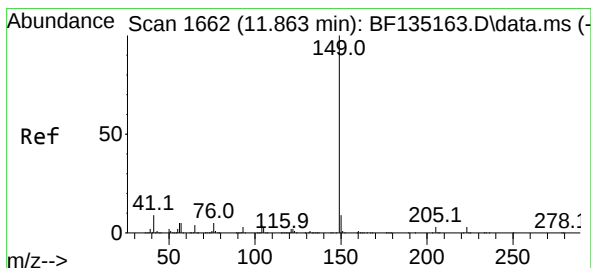
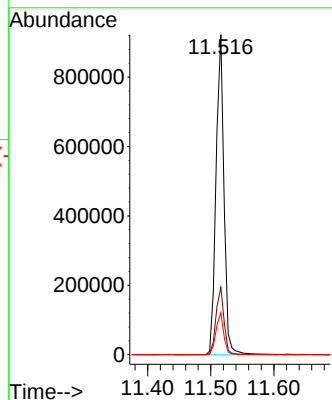
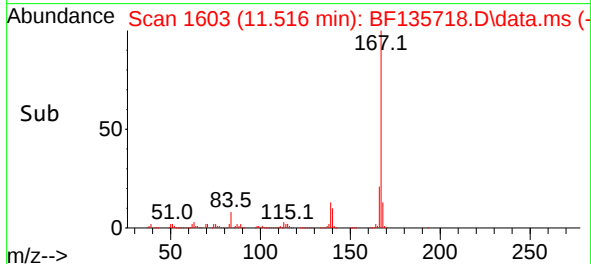
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS



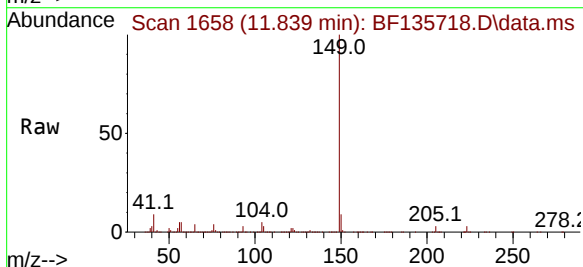
Tgt Ion:167 Resp: 804309
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 13.1 10.6 15.8

Manual Integrations
 APPROVED

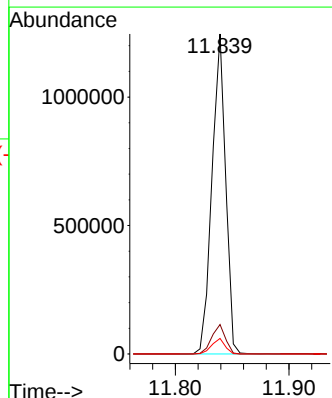
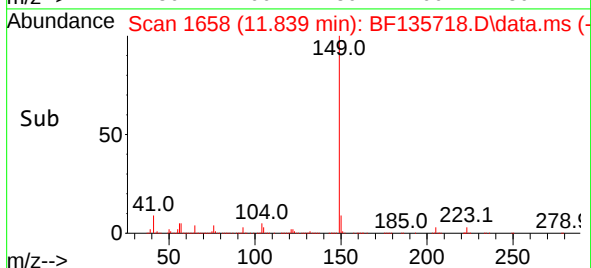
Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

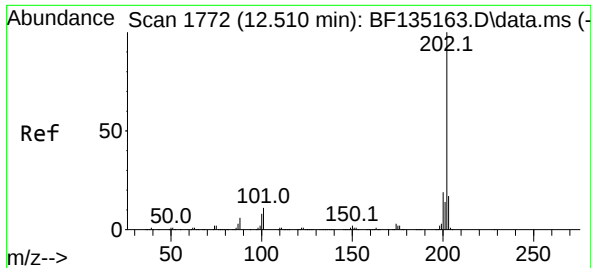


#74
 Di-n-butylphthalate
 Concen: 64.981 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43



Tgt Ion:149 Resp: 1037426
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.8 3.6 5.4





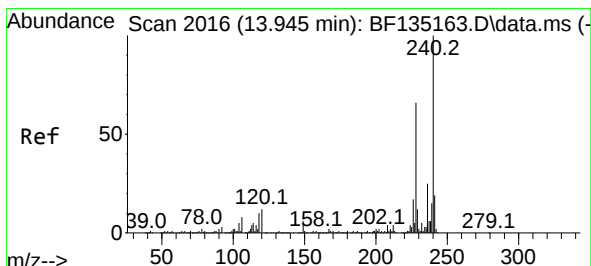
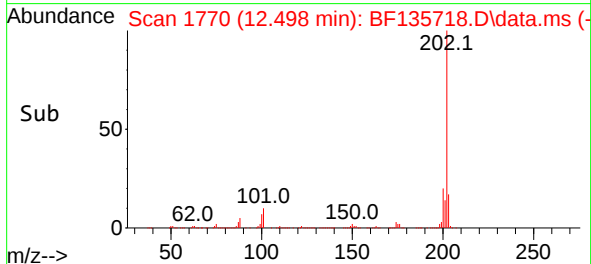
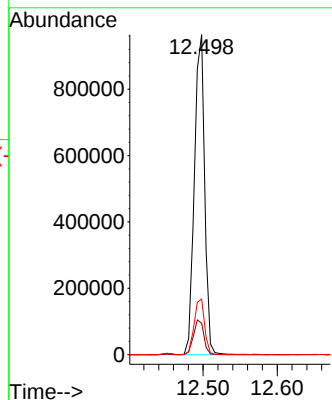
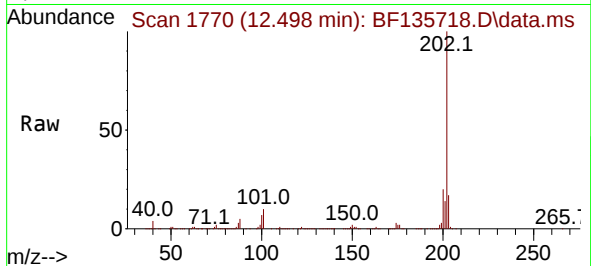
#75
Fluoranthene
Concen: 61.472 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:202 Resp: 92745
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.3
203 17.4 0.0 37.4

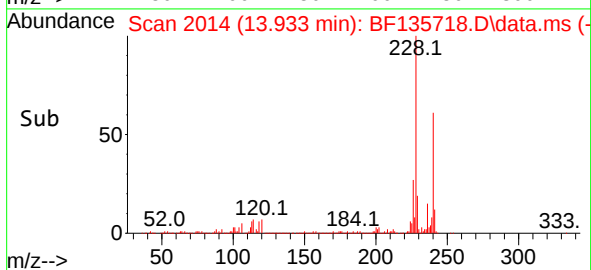
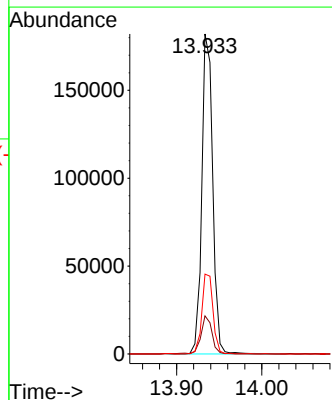
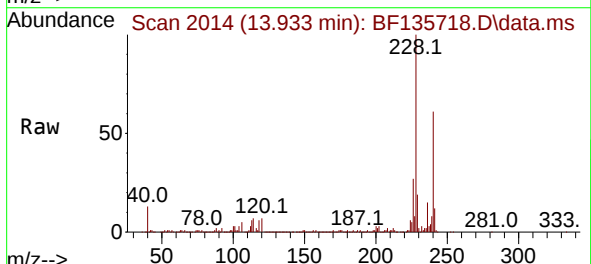
Manual Integrations
APPROVED

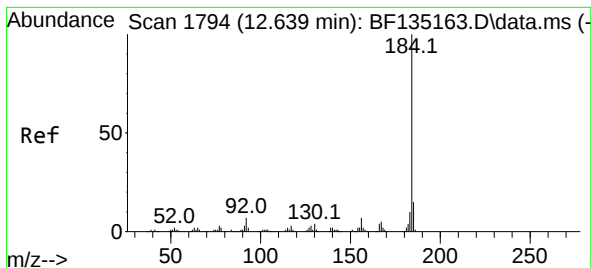
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:240 Resp: 161466
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 24.9 19.8 29.8





#77

Benzidine

Concen: 22.788 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

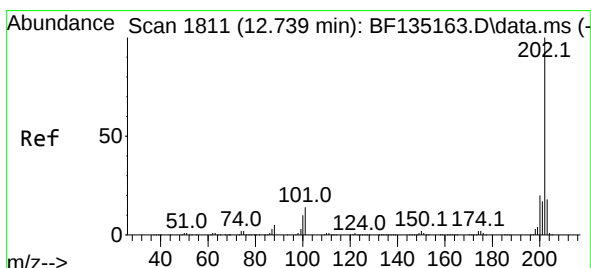
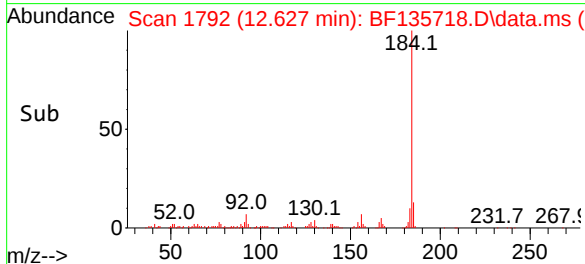
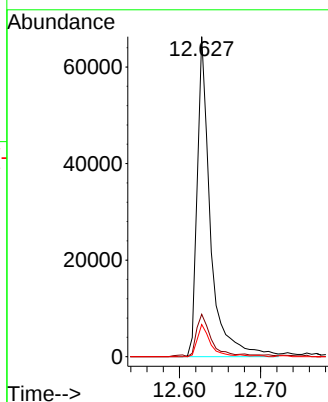
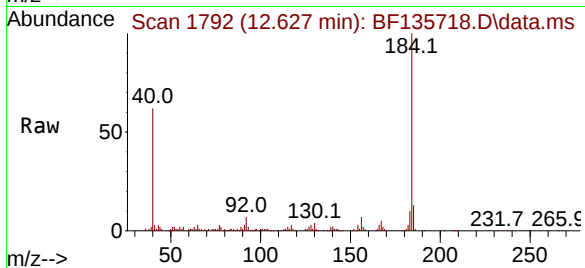
VNJ-223MS

Tgt Ion:184	Resp:	7538
Ion Ratio	Lower	Upper
184	100	
185	13.3	11.7 17.5
183	10.0	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#78

Pyrene

Concen: 57.844 ng

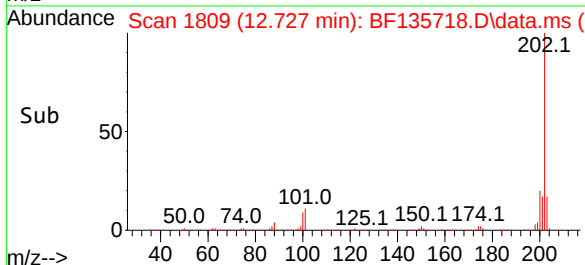
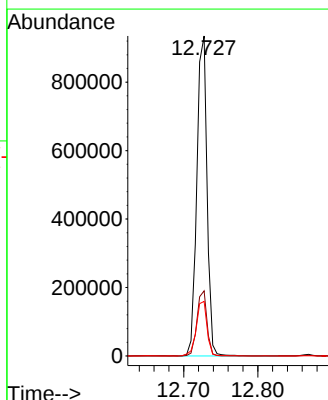
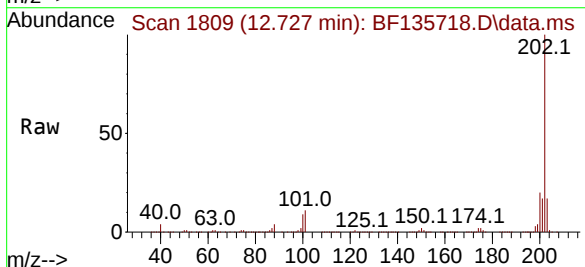
RT: 12.727 min Scan# 1809

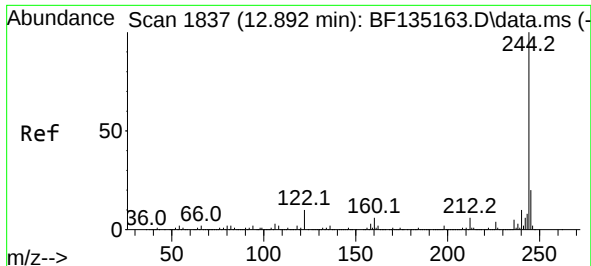
Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

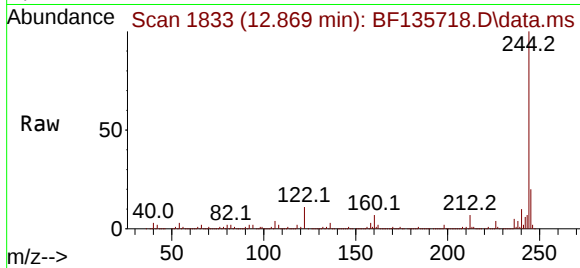
Tgt Ion:202	Resp:	889225
Ion Ratio	Lower	Upper
202	100	
200	20.3	16.2 24.2
203	17.1	14.2 21.4





#79
 Terphenyl-d14
 Concen: 102.258 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

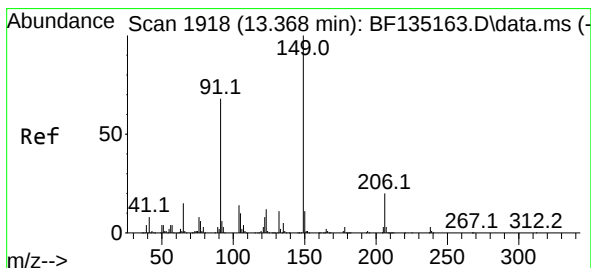
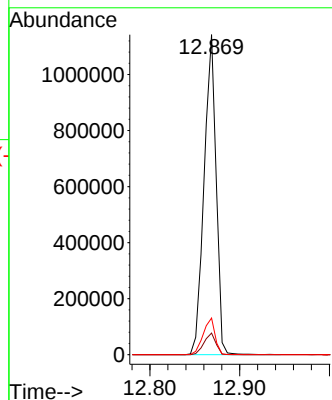
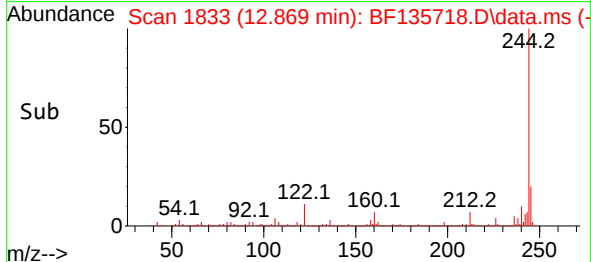
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS



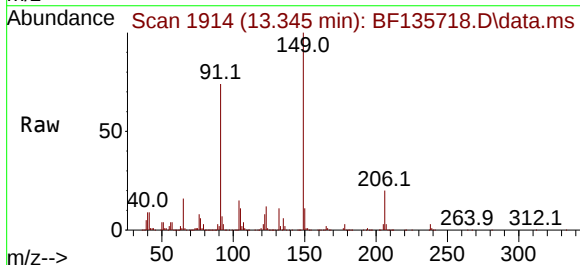
Tgt Ion:244 Resp: 1065104
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.5 7.9 11.9

Manual Integrations
 APPROVED

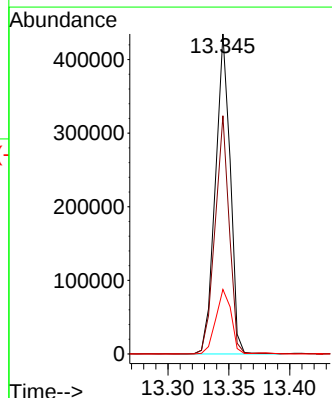
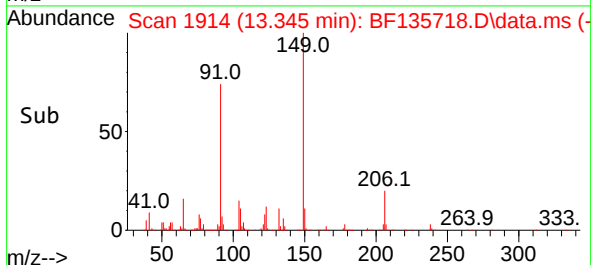
Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

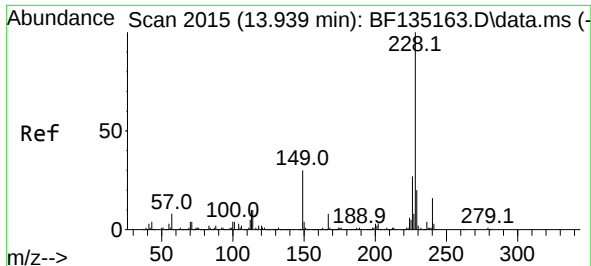


#80
 Butylbenzylphthalate
 Concen: 67.822 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43



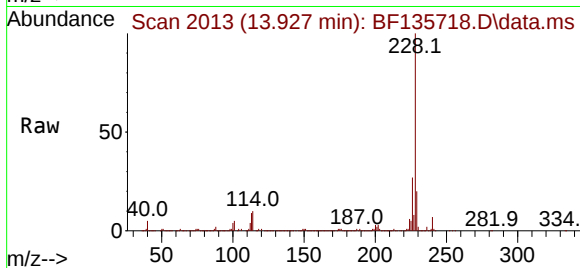
Tgt Ion:149 Resp: 367089
 Ion Ratio Lower Upper
 149 100
 91 74.5 54.7 82.1
 206 20.1 16.3 24.5





#81
Benzo(a)anthracene
Concen: 64.001 ng
RT: 13.927 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

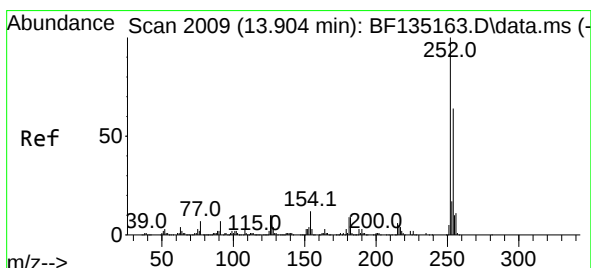
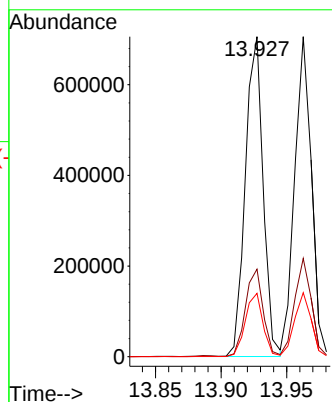
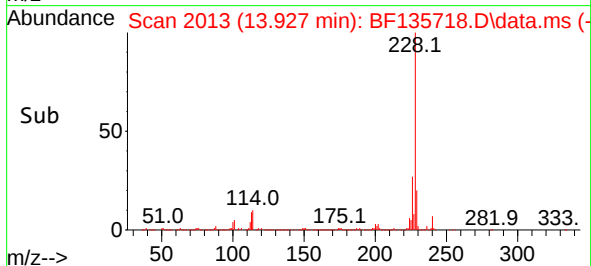
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS



Tgt Ion:228 Resp: 667294
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.8 23.8

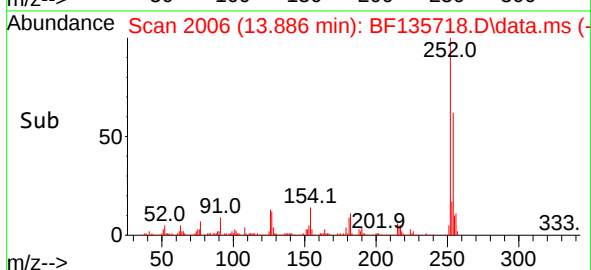
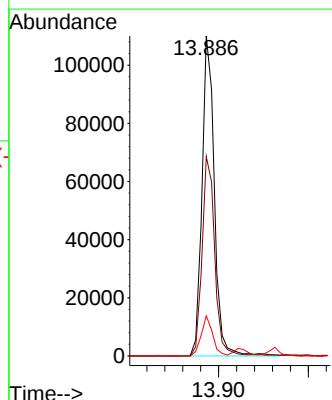
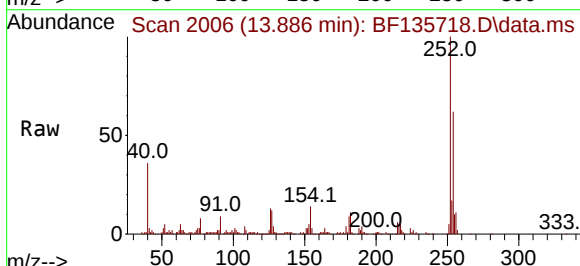
Manual Integrations
APPROVED

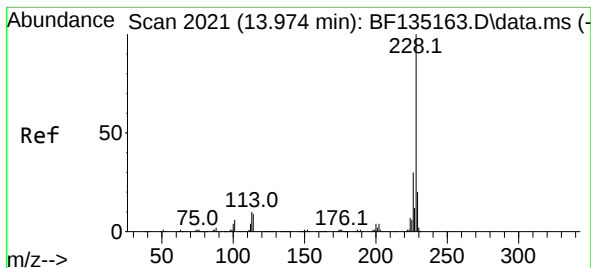
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.282 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:252 Resp: 105132
Ion Ratio Lower Upper
252 100
254 62.4 51.0 76.4
126 12.5 7.8 11.8





#83

Chrysene

Concen: 60.577 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

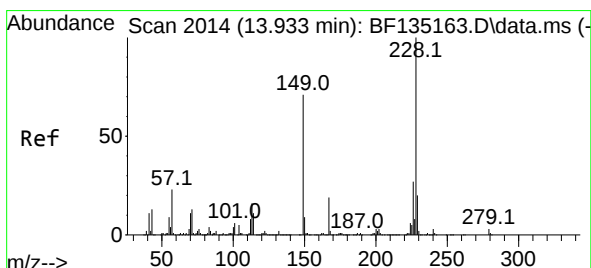
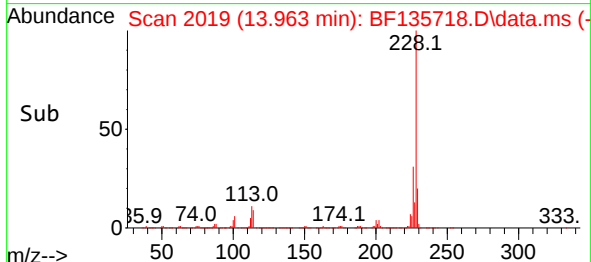
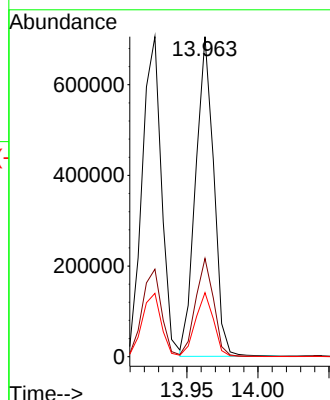
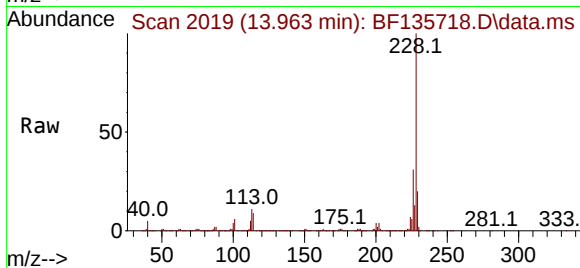
Tgt Ion:228 Resp: 62795
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 91.175 ng

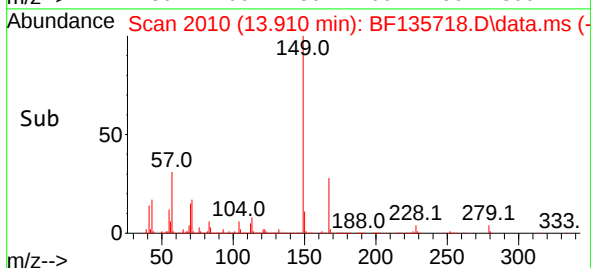
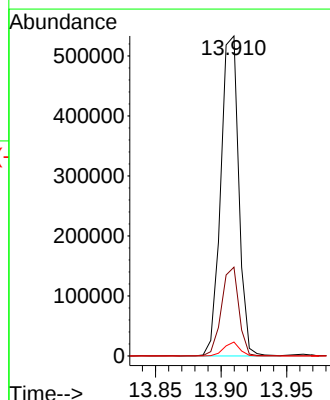
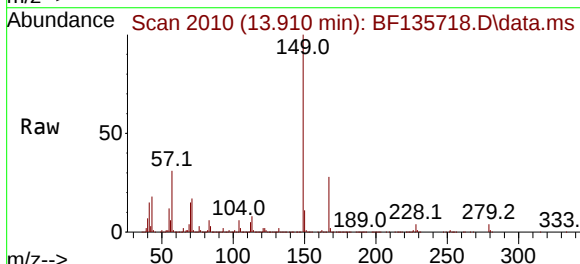
RT: 13.910 min Scan# 2010

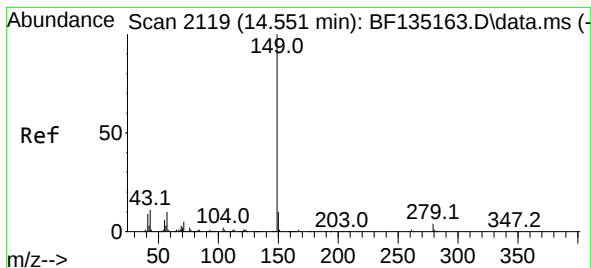
Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion:149 Resp: 506403
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.9 32.9
 279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 88.477 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:149 Resp: 780954

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

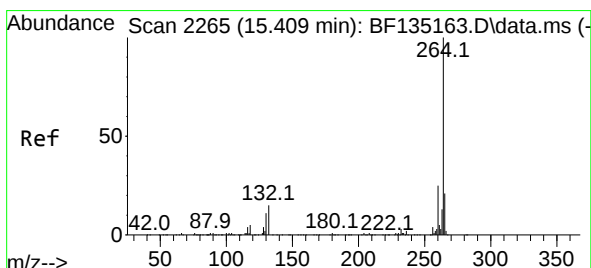
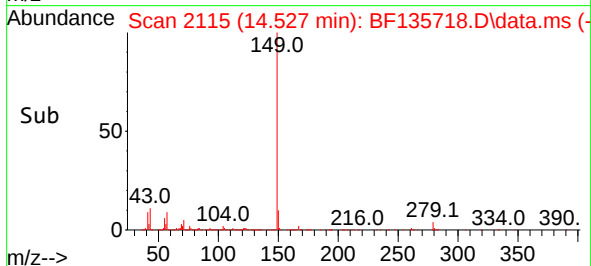
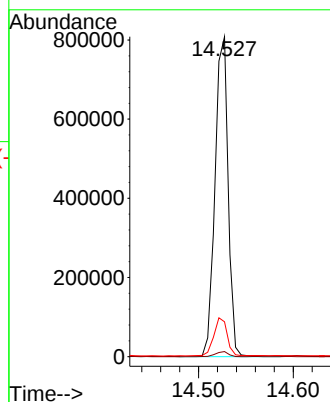
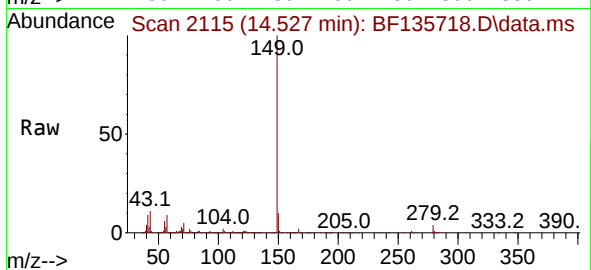
43 12.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

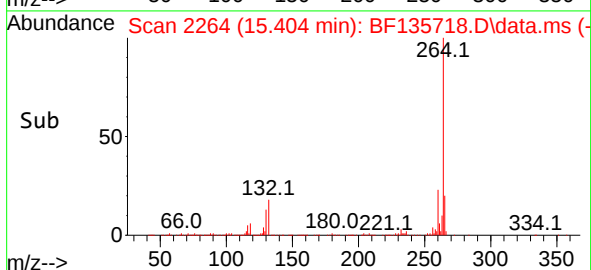
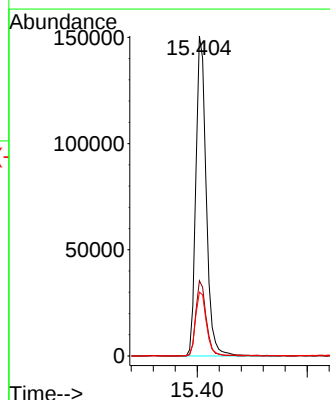
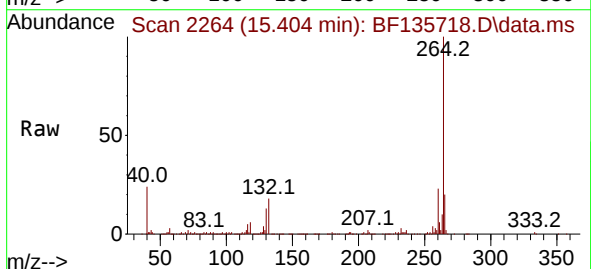
Tgt Ion:264 Resp: 196378

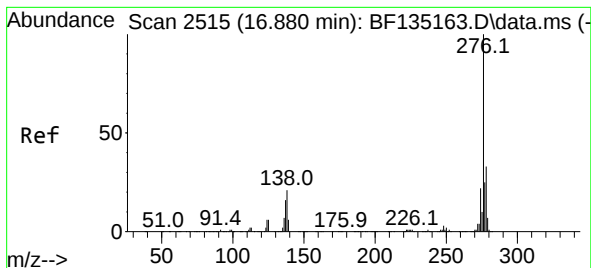
Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 19.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.086 ng

RT: 16.915 min Scan# 2192

Delta R.T. 0.012 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:276 Resp: 78653

Ion Ratio Lower Upper

276 100

138 23.0 19.2 28.8

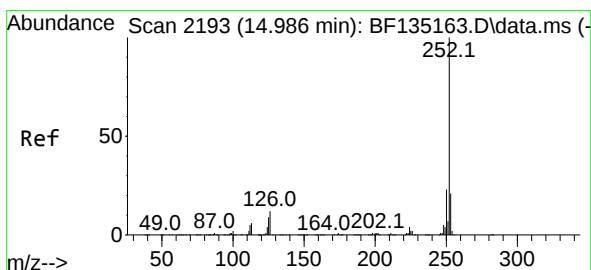
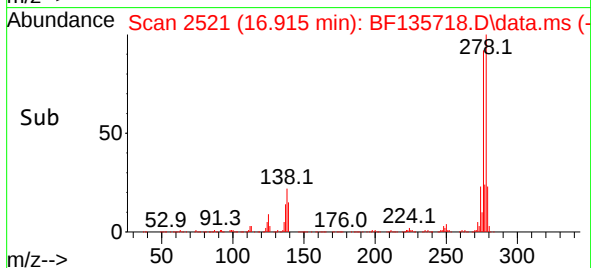
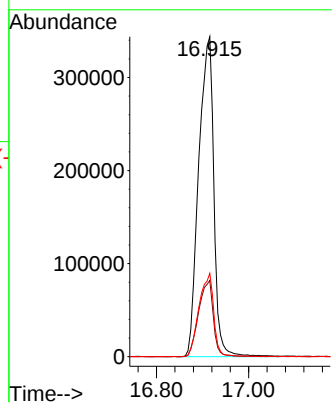
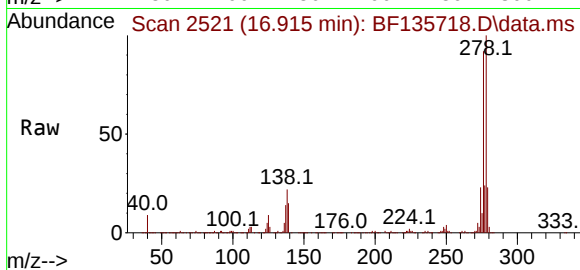
277 25.3 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#88

Benzo(b)fluoranthene

Concen: 58.658 ng

RT: 14.980 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

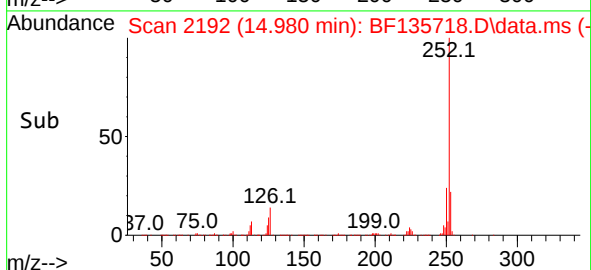
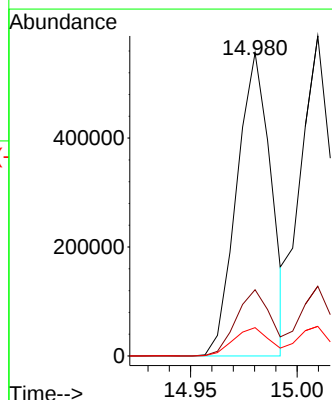
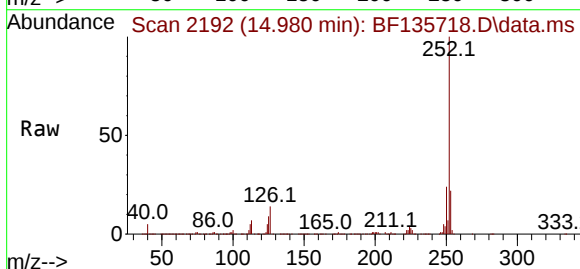
Tgt Ion:252 Resp: 623573

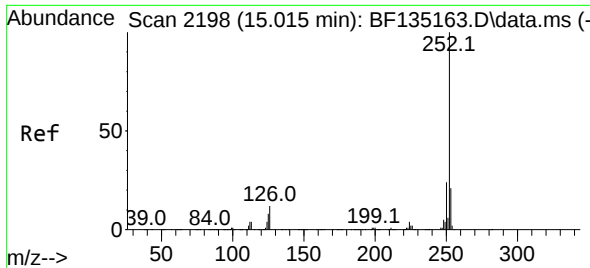
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.3 7.1 10.7





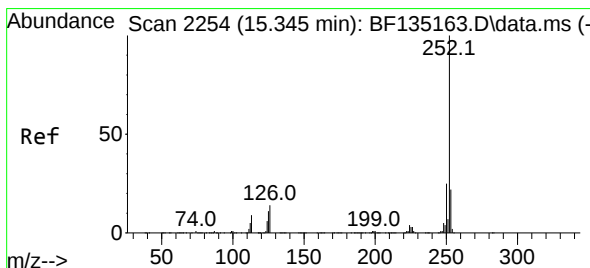
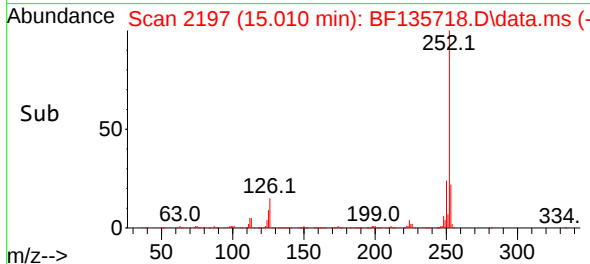
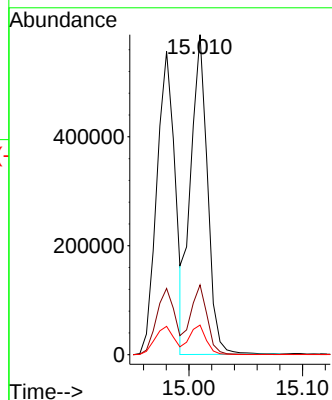
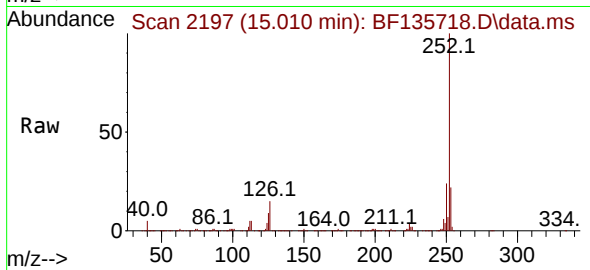
#89
Benzo(k)fluoranthene
Concen: 57.344 ng
RT: 15.010 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:252 Resp: 602184
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.3 7.2 10.8

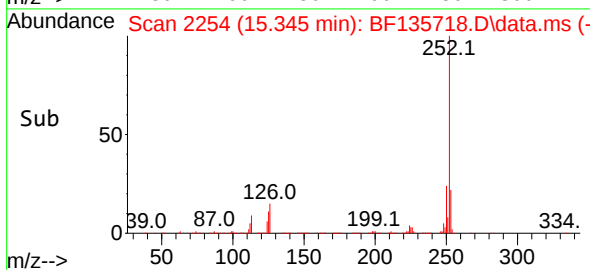
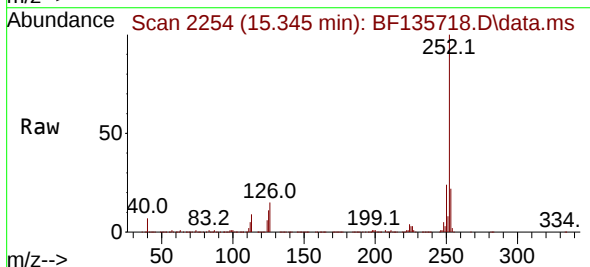
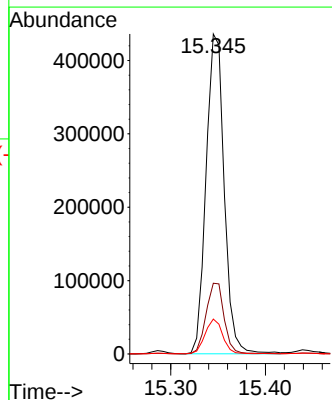
Manual Integrations
APPROVED

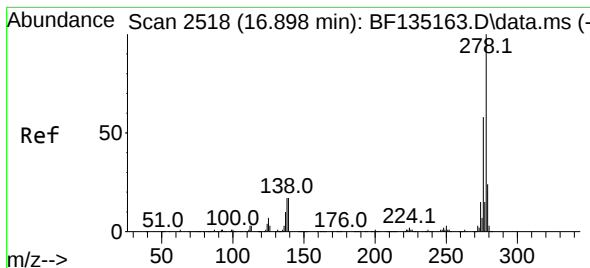
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#90
Benzo(a)pyrene
Concen: 57.005 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:252 Resp: 577907
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 61.343 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:278 Resp: 64626

Ion Ratio Lower Upper

278 100

139 14.6 13.4 20.0

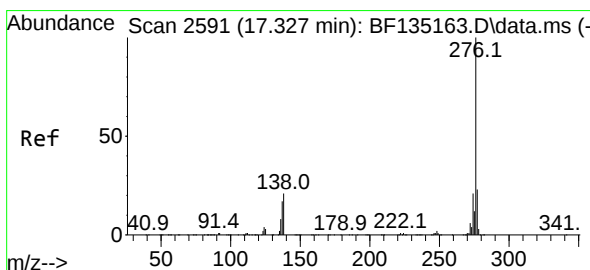
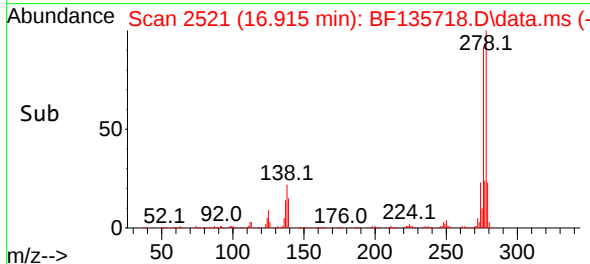
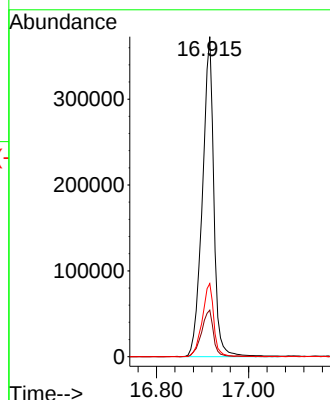
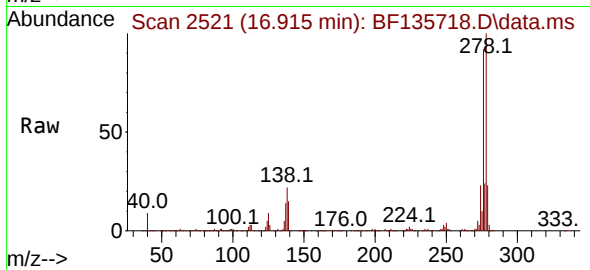
279 22.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#92

Benzo(g,h,i)perylene

Concen: 55.889 ng

RT: 17.357 min Scan# 2596

Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion:276 Resp: 614922

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 19.6 16.9 25.3

