

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136794.D
 Acq On : 28 Dec 2023 14:53
 Operator : CG\JU
 Sample : 05926-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 15:11:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	72965	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290998	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	162984	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	333650	20.000	ng	0.00
76) Chrysene-d12	13.968	240	183962	20.000	ng	0.00
86) Perylene-d12	15.445	264	175478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	595894	127.426	ng	0.02
7) Phenol-d6	6.439	99	726517	119.898	ng	0.00
23) Nitrobenzene-d5	7.351	82	500843	88.072	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	257847	134.330	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1037106	85.585	ng	0.00
79) Terphenyl-d14	12.910	244	1214409	92.253	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.781	88	77564	39.808	ng	# 81
3) Pyridine	3.498	79	171559	36.087	ng	96
4) n-Nitrosodimethylamine	3.434	42	113608	44.750	ng	97
6) Aniline	6.451	93	127142	20.987	ng	# 1
8) 2-Chlorophenol	6.575	128	235258	45.971	ng	96
9) Benzaldehyde	6.339	77	23376	6.782	ng	95
10) Phenol	6.451	94	268111	41.449	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	212088	43.114	ng	98
12) 1,3-Dichlorobenzene	6.728	146	200761	35.961	ng	96
13) 1,4-Dichlorobenzene	6.804	146	208378	36.530	ng	97
14) 1,2-Dichlorobenzene	6.951	146	201394	37.942	ng	98
15) Benzyl Alcohol	6.933	79	209904	51.347	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	329112	40.921	ng	73
17) 2-Methylphenol	7.051	107	194690	45.923	ng	95
18) Hexachloroethane	7.286	117	72856	35.169	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	166645	45.368	ng	98
20) 3+4-Methylphenols	7.204	107	249188	47.048	ng	# 62
22) Acetophenone	7.192	105	341514	46.822	ng	# 92
24) Nitrobenzene	7.369	77	240693	42.252	ng	98
25) Isophorone	7.604	82	473068	45.717	ng	98
26) 2-Nitrophenol	7.680	139	125355	45.993	ng	96
27) 2,4-Dimethylphenol	7.722	122	193123	58.202	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	284230	45.189	ng	99
29) 2,4-Dichlorophenol	7.928	162	205021	47.993	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	195403	41.054	ng	98
31) Naphthalene	8.086	128	668489	41.815	ng	100
32) Benzoic acid	7.833	122	48955	15.248	ng	97
33) 4-Chloroaniline	8.133	127	34451	5.837	ng	98
34) Hexachlorobutadiene	8.192	225	106847	36.948	ng	97
35) Caprolactam	8.522	113	71658m	50.848	ng	
36) 4-Chloro-3-methylphenol	8.639	107	238521	49.597	ng	96
37) 2-Methylnaphthalene	8.775	142	450768	43.813	ng	100
38) 1-Methylnaphthalene	8.874	142	443070	43.895	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	227082	44.989	ng	99
41) Hexachlorocyclopentadiene	8.922	237	104256	65.712	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	152247	47.032	ng	97

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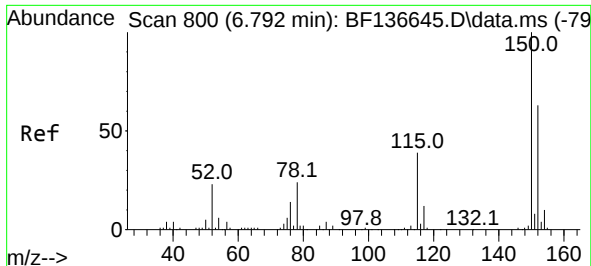
Manual Integrations
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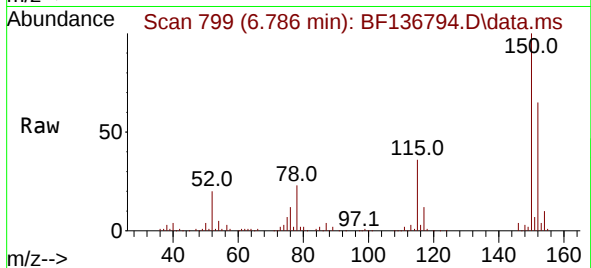
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	166454	46.144	ng	95
46) 1,1'-Biphenyl	9.245	154	623605	45.596	ng	100
47) 2-Chloronaphthalene	9.269	162	451767	43.450	ng	97
48) 2-Nitroaniline	9.369	65	160345	49.247	ng	98
49) Acenaphthylene	9.686	152	765282	48.155	ng	99
50) Dimethylphthalate	9.551	163	571052	47.968	ng	99
51) 2,6-Dinitrotoluene	9.616	165	126184	46.704	ng	95
52) Acenaphthene	9.857	154	438295	44.491	ng	100
53) 3-Nitroaniline	9.780	138	58007	20.268	ng	97
54) 2,4-Dinitrophenol	9.892	184	40706	29.650	ng	# 82
55) Dibenzofuran	10.027	168	679795	45.522	ng	100
56) 4-Nitrophenol	9.969	139	172608	89.339	ng	97
57) 2,4-Dinitrotoluene	10.021	165	162130	46.224	ng	95
58) Fluorene	10.374	166	555055	46.844	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	144978	52.210	ng	97
60) Diethylphthalate	10.251	149	587708	47.580	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	258491	44.882	ng	99
62) 4-Nitroaniline	10.404	138	131354m	47.608	ng	
63) Azobenzene	10.527	77	546307	47.354	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	41695	21.805	ng	94
66) n-Nitrosodiphenylamine	10.486	169	504951	46.589	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	166694	44.986	ng	96
68) Hexachlorobenzene	10.921	284	184241	44.617	ng	97
69) Atrazine	11.021	200	165445	59.681	ng	99
70) Pentachlorophenol	11.121	266	156978	81.558	ng	98
71) Phenanthrene	11.339	178	813002	47.489	ng	99
72) Anthracene	11.392	178	823968	47.524	ng	99
73) Carbazole	11.551	167	773725	47.333	ng	100
74) Di-n-butylphthalate	11.880	149	980568	49.160	ng	99
75) Fluoranthene	12.533	202	859436	46.932	ng	98
77) Benzidine	12.657	184	141586	26.102	ng	100
78) Pyrene	12.762	202	852909	47.229	ng	100
80) Butylbenzylphthalate	13.386	149	355760	54.140	ng	99
81) Benzo(a)anthracene	13.957	228	596484	46.695	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	96096	26.489	ng	96
83) Chrysene	13.998	228	581957	46.587	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	484606	58.614	ng	97
85) Di-n-octyl phthalate	14.562	149	748628	58.537	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	603913	47.666	ng	100
88) Benzo(b)fluoranthene	15.015	252	525593	44.845	ng	99
89) Benzo(k)fluoranthene	15.045	252	503420	45.457	ng	99
90) Benzo(a)pyrene	15.386	252	459908	46.487	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	505142	48.598	ng	97
92) Benzo(g,h,i)perylene	17.415	276	484721	45.531	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

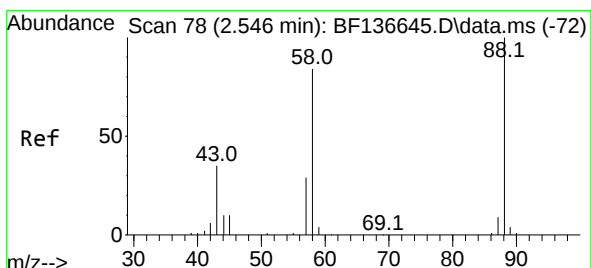
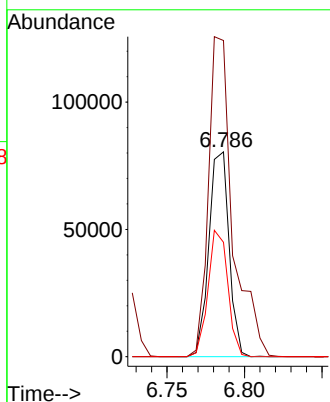
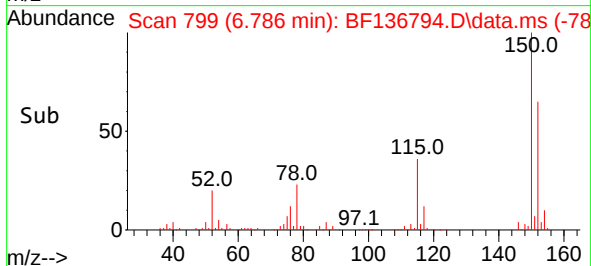
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:152 Resp: 7296
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 55.9 49.0 73.4

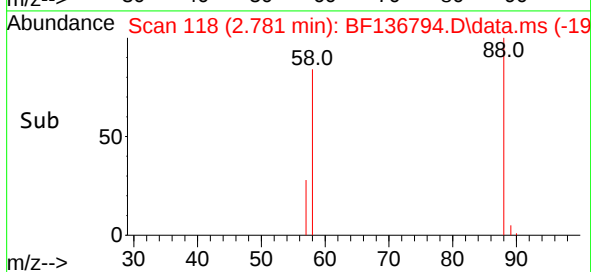
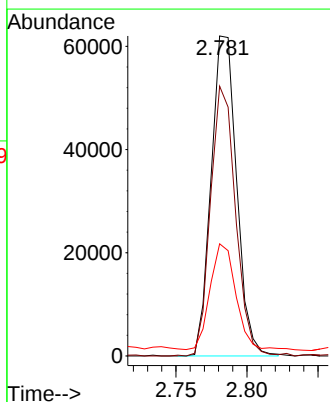
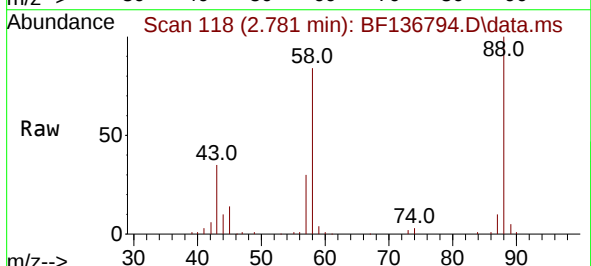
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2023
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#2
1,4-Dioxane
Concen: 39.808 ng
RT: 2.781 min Scan# 118
Delta R.T. 0.235 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

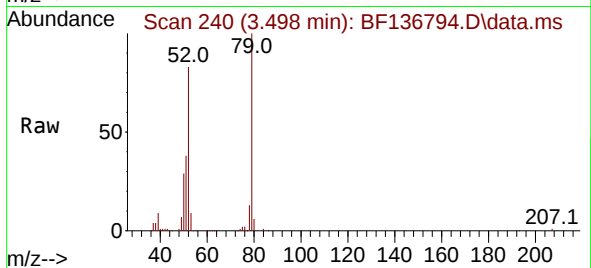
Tgt Ion: 88 Resp: 77564
Ion Ratio Lower Upper
88 100
58 82.5 67.4 101.0
43 0.0 27.7 41.5





#3
Pyridine
Concen: 36.087 ng
RT: 3.498 min Scan# 24
Delta R.T. 0.194 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

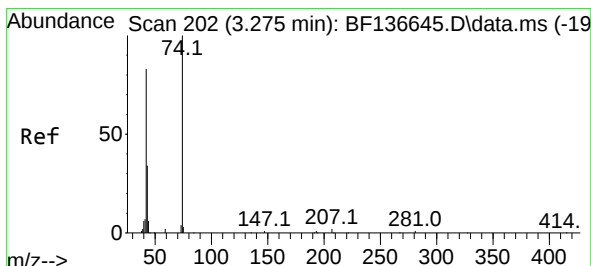
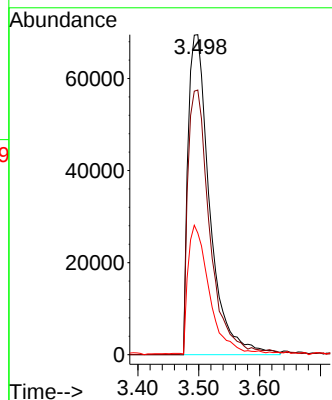
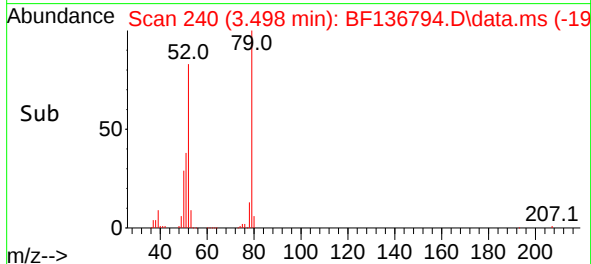
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ClientSampleId :
MR-319-0-2MSD



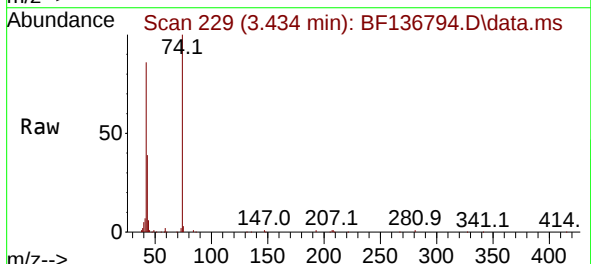
Tgt Ion: 79 Resp: 17155
Ion Ratio Lower Upper
79 100
52 82.7 67.7 101.5
51 38.0 34.0 51.0

Manual Integrations
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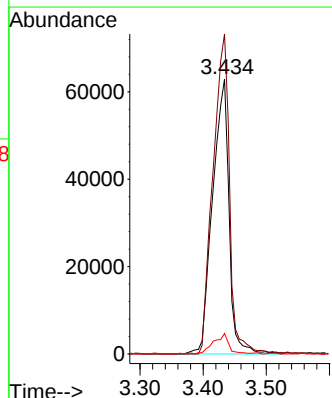
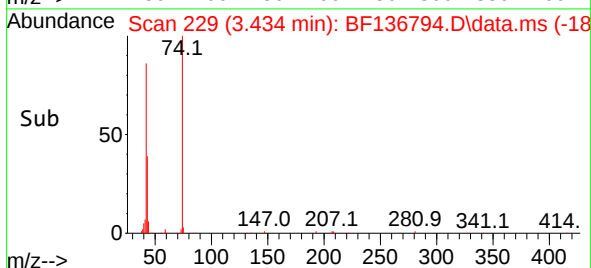
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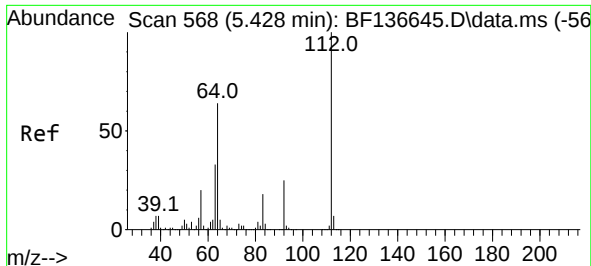


#4
n-Nitrosodimethylamine
Concen: 44.750 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.159 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



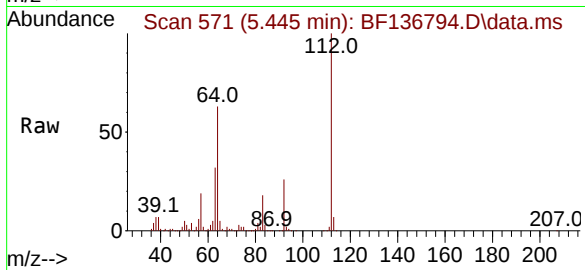
Tgt Ion: 42 Resp: 113608
Ion Ratio Lower Upper
42 100
74 116.4 96.0 144.0
44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 127.426 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

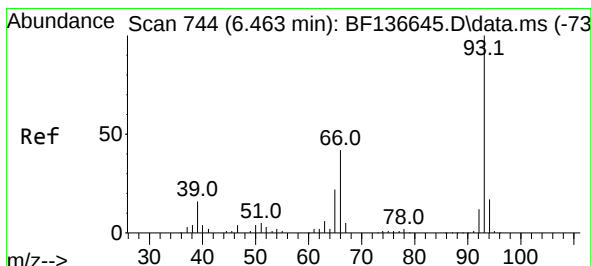
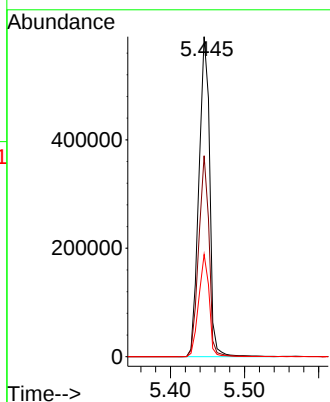
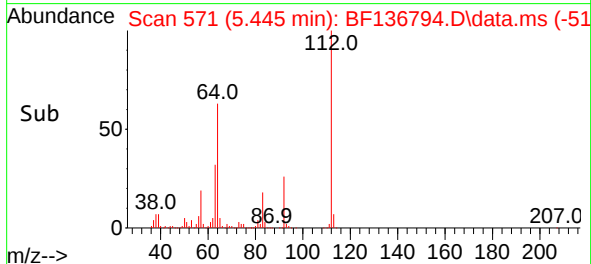
Instrument :
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ClientSampleId :
MR-319-0-2MSD



Tgt Ion:112 Resp: 595894
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 32.0 26.1 39.1

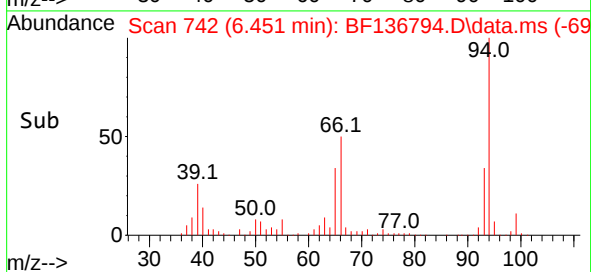
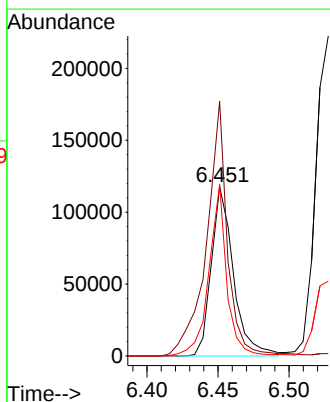
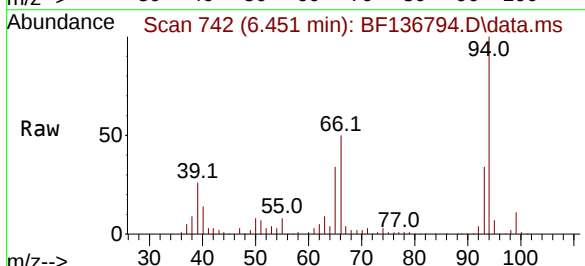
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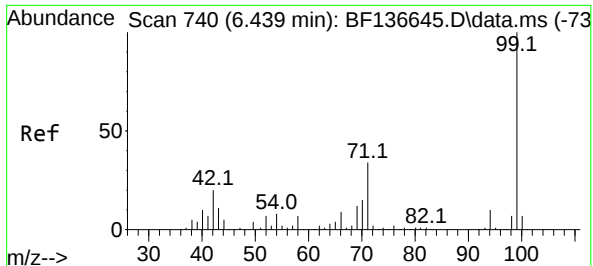
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#6
Aniline
Concen: 20.987 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

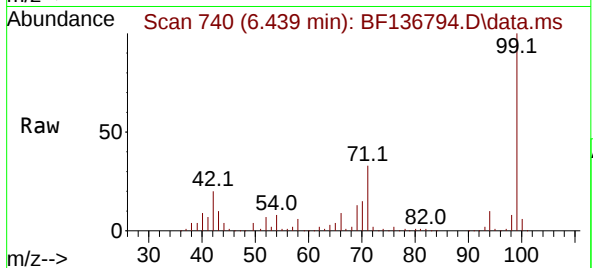
Tgt Ion: 93 Resp: 127142
Ion Ratio Lower Upper
93 100
66 150.3 34.6 51.8#
65 101.1 17.8 26.8#





#7
Phenol-d6
Concen: 119.898 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

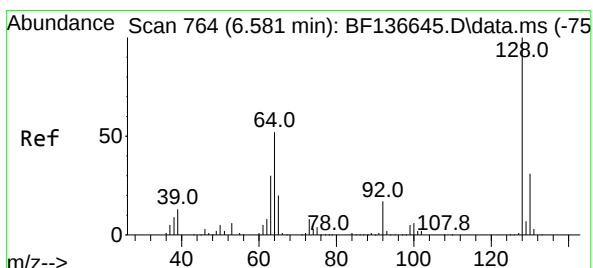
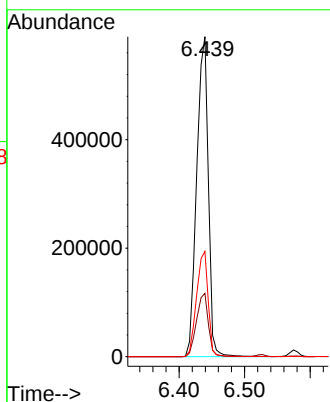
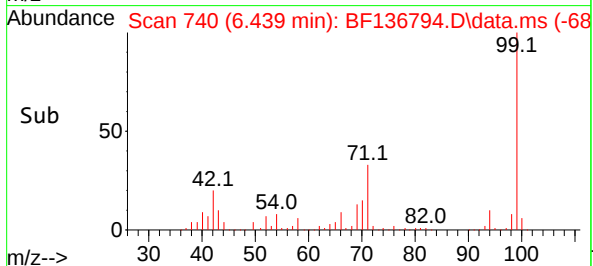
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ClientSampleId :
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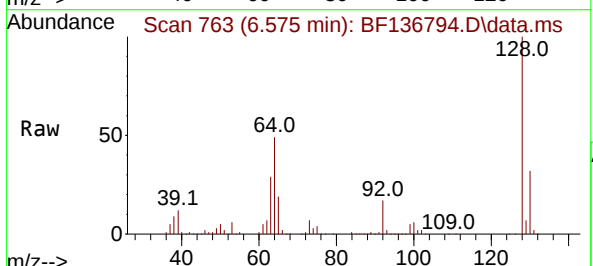
Tgt Ion: 99 Resp: 72651
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 32.9 27.4 41.2

Manual Integrations
APPROVED

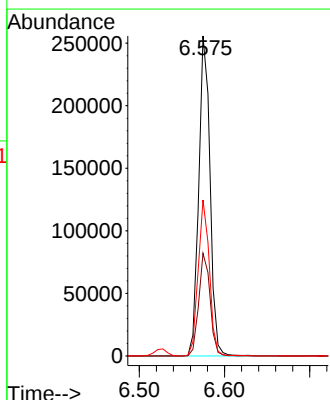
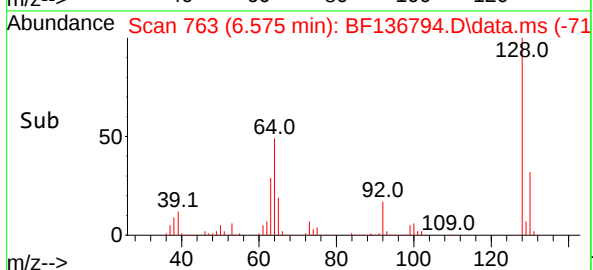
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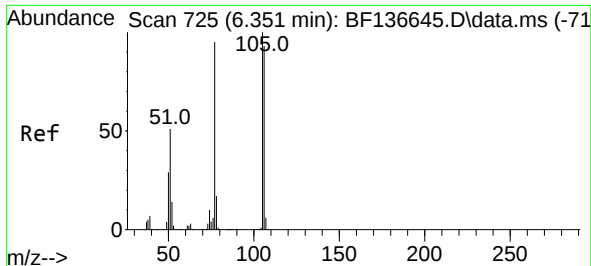


#8
2-Chlorophenol
Concen: 45.971 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



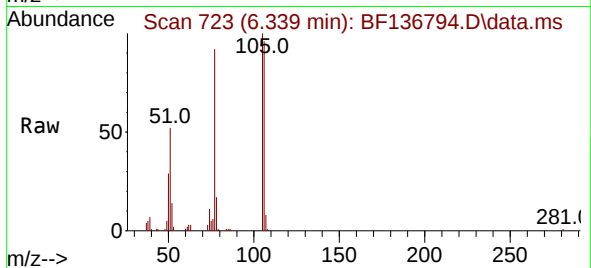
Tgt Ion:128 Resp: 235258
Ion Ratio Lower Upper
128 100
130 32.1 11.3 51.3
64 48.8 32.5 72.5





#9
Benzaldehyde
Concen: 6.782 ng
RT: 6.339 min Scan# 725
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

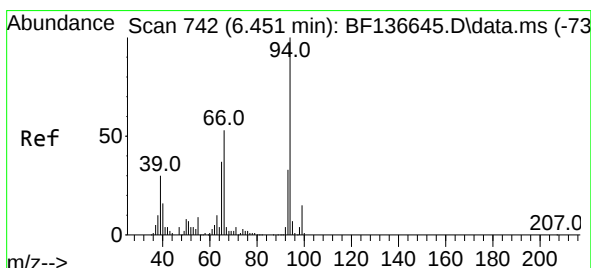
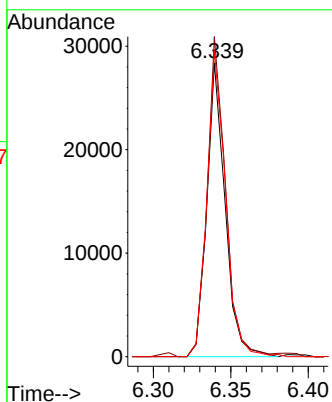
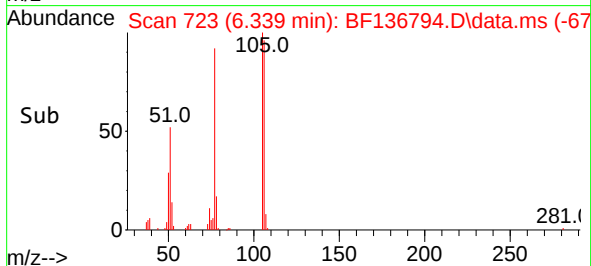
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion: 77 Resp: 23370
Ion Ratio Lower Upper
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105 108.8 84.8 124.8
106 104.1 77.8 117.8

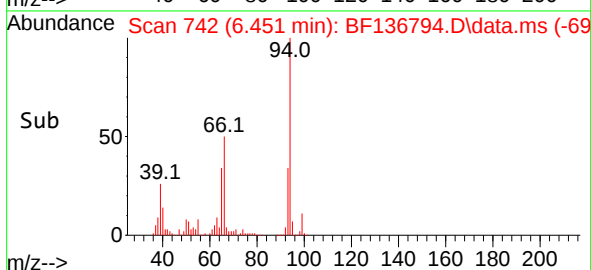
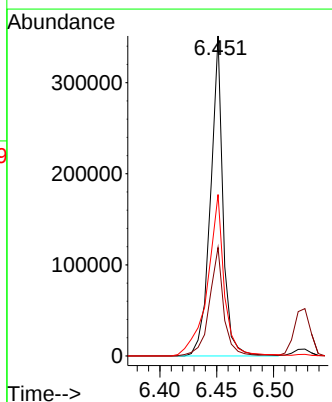
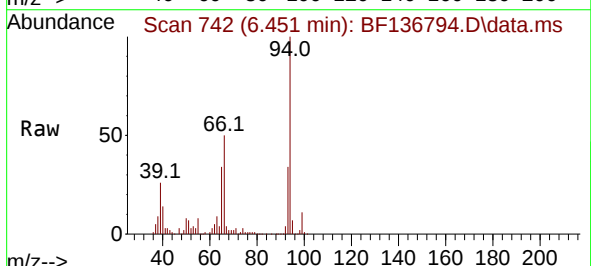
Manual Integrations
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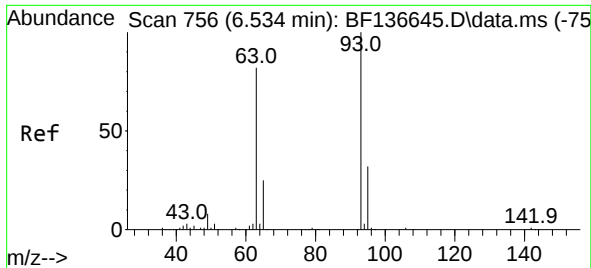
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#10
Phenol
Concen: 41.449 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion: 94 Resp: 268111
Ion Ratio Lower Upper
94 100
65 33.9 16.6 56.6
66 50.4 32.6 72.6





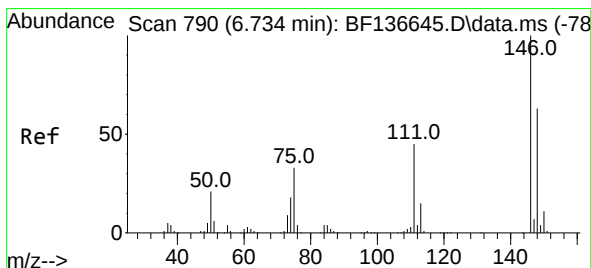
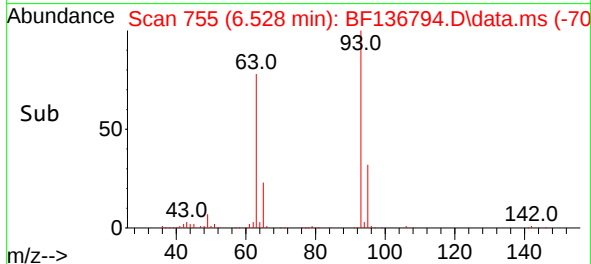
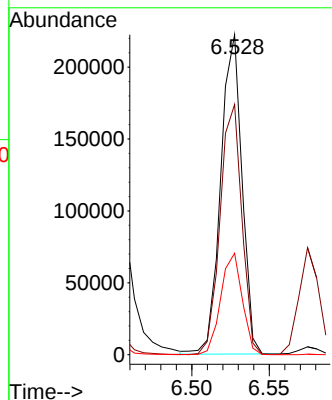
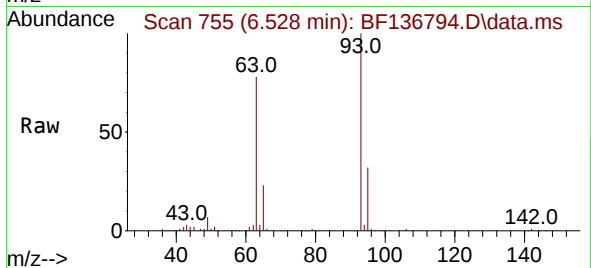
#11
bis(2-Chloroethyl)ether
Concen: 43.114 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD

Tgt Ion: 93 Resp: 212088
Ion Ratio Lower Upper
93 100
63 78.2 61.2 101.2
95 31.7 11.6 51.6

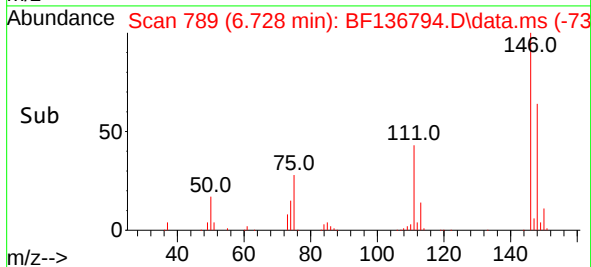
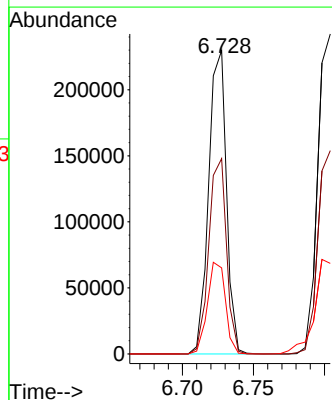
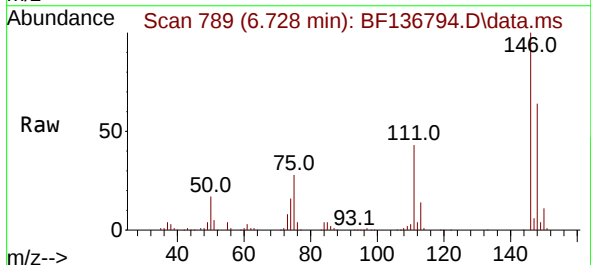
Manual Integrations
APPROVED

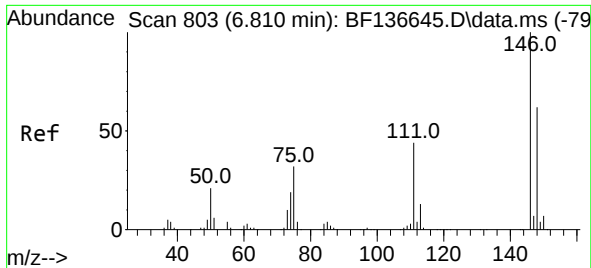
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#12
1,3-Dichlorobenzene
Concen: 35.961 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

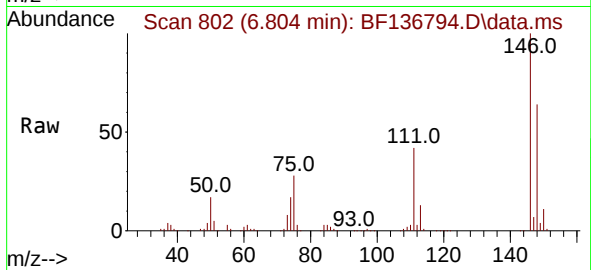
Tgt Ion:146 Resp: 200761
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 28.4 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.530 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

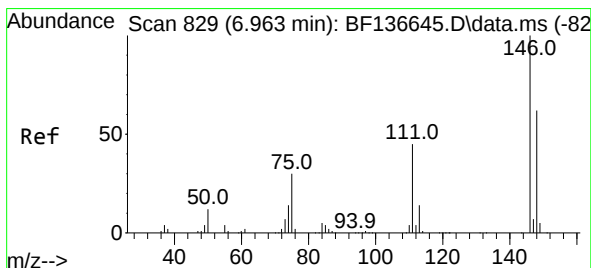
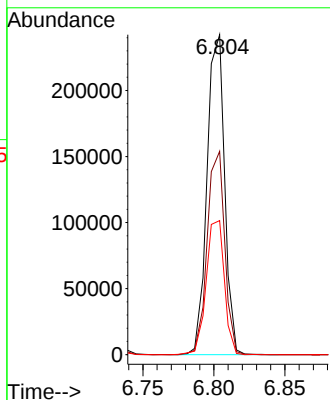
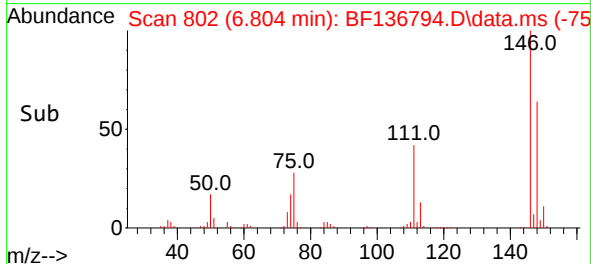
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



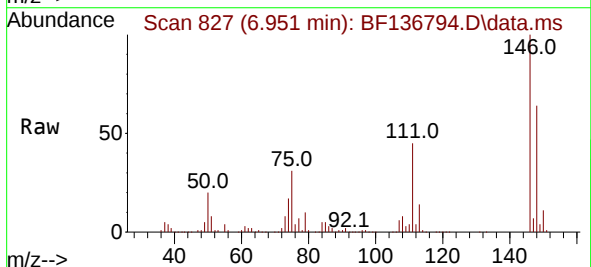
Tgt Ion:146 Resp: 208378
Ion Ratio Lower Upper
146 100
148 63.5 49.2 73.8
111 41.9 35.2 52.8

Manual Integrations
APPROVED

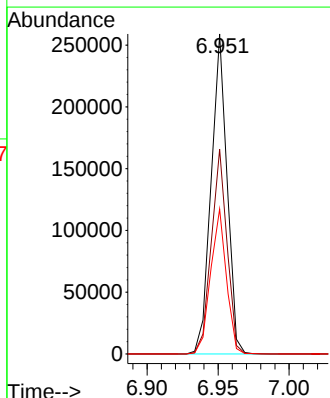
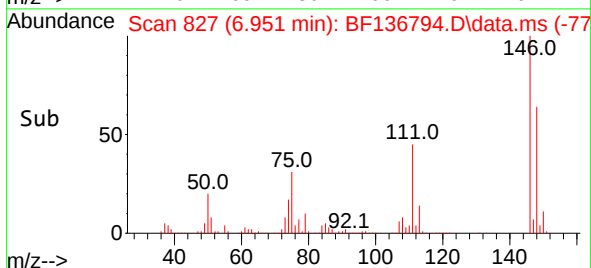
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#14
1,2-Dichlorobenzene
Concen: 37.942 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



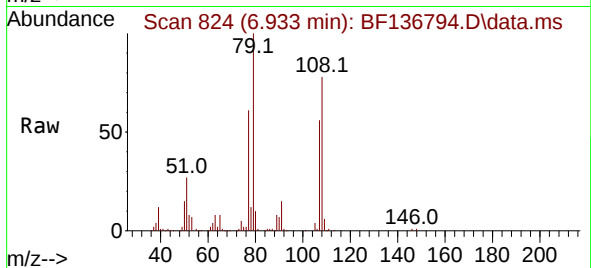
Tgt Ion:146 Resp: 201394
Ion Ratio Lower Upper
146 100
148 64.0 49.6 74.4
111 45.3 36.2 54.2





#15
Benzyl Alcohol
Concen: 51.347 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

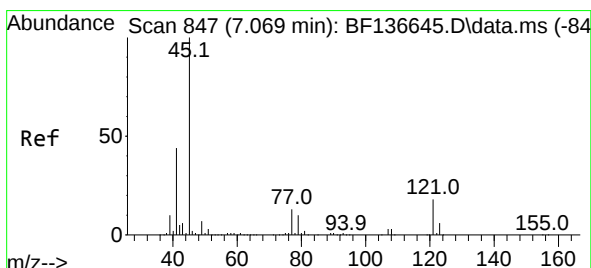
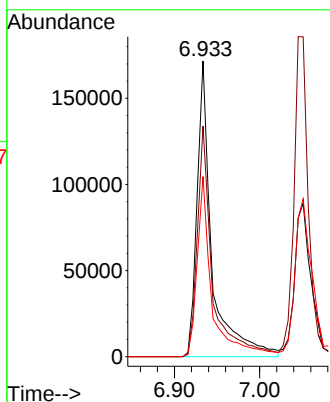
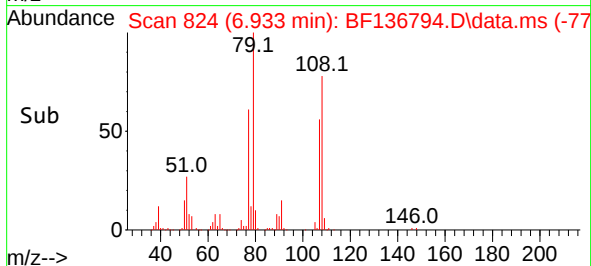
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion: 79 Resp: 209904
Ion Ratio Lower Upper
79 100
108 78.0 61.0 91.6
77 60.9 49.8 74.8

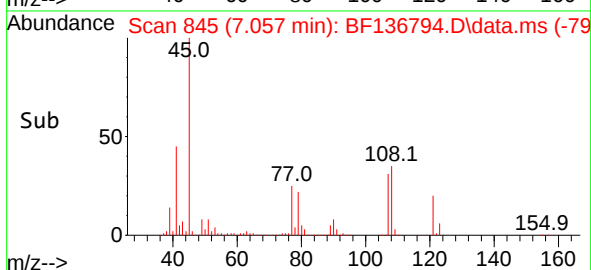
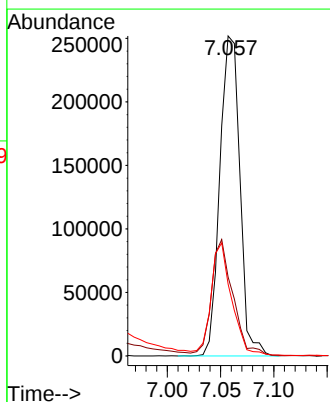
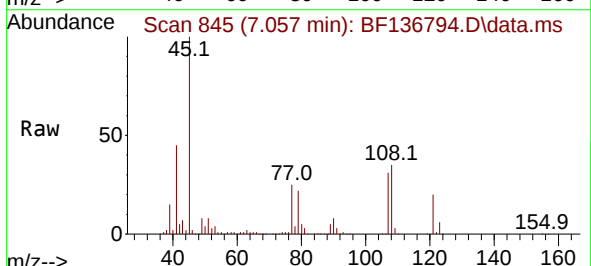
Manual Integrations
APPROVED

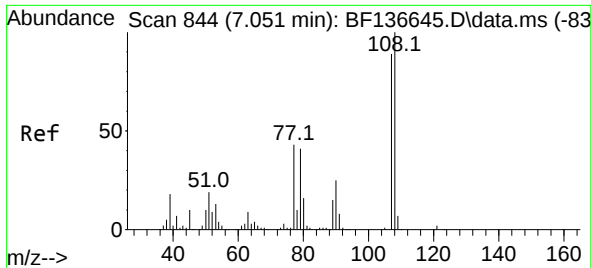
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.921 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion: 45 Resp: 329112
Ion Ratio Lower Upper
45 100
77 24.7 0.0 34.3
79 22.5 0.0 31.4





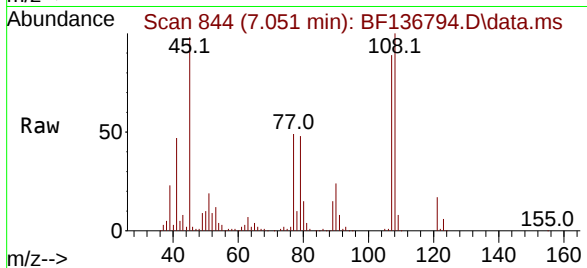
#17
2-Methylphenol
Concen: 45.923 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

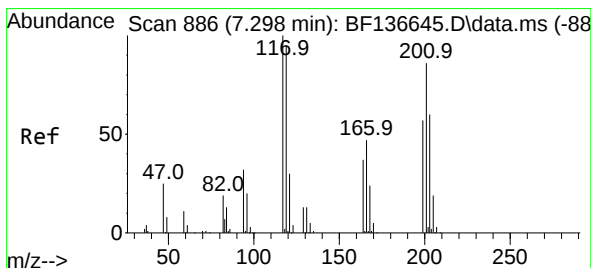
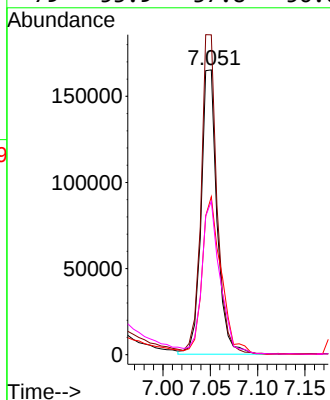
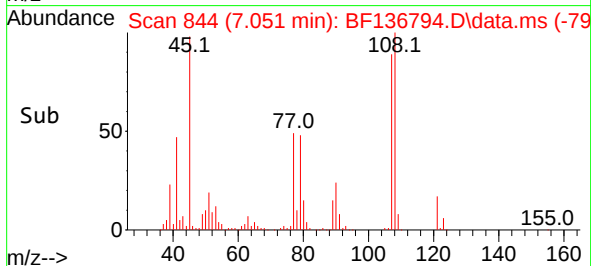


Tgt Ion:107 Resp: 194690
Ion Ratio Lower Upper
107 100
108 112.3 90.3 135.5
77 55.5 38.7 58.1
79 53.9 37.8 56.6

Manual Integrations

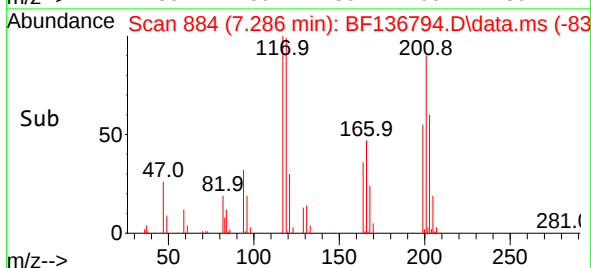
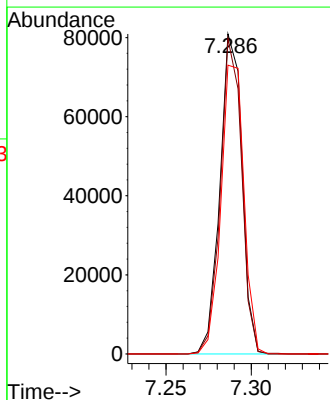
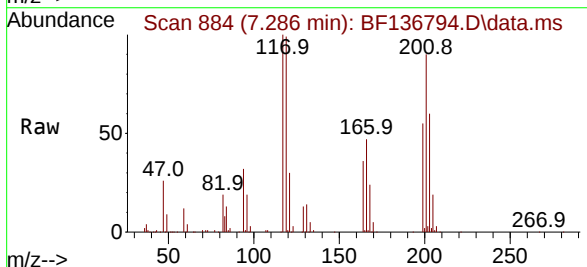
APPROVED

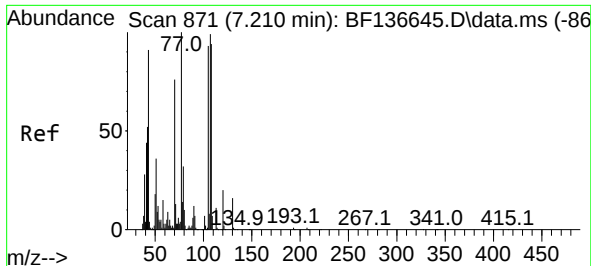
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#18
Hexachloroethane
Concen: 35.169 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

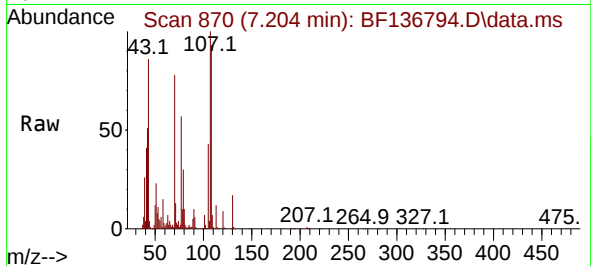
Tgt Ion:117 Resp: 72856
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
201 90.3 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 45.368 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

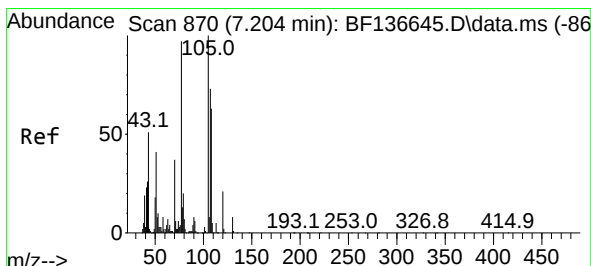
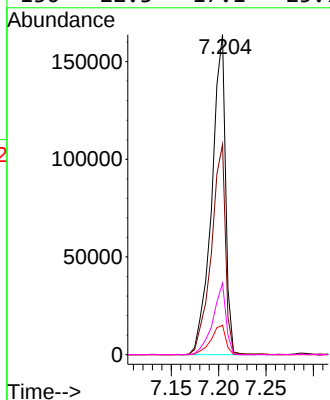
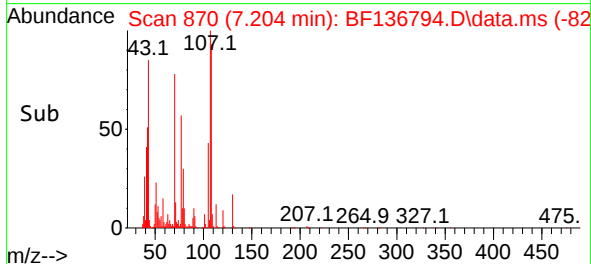
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion: 70 Resp: 166649
Ion Ratio Lower Upper
70 100
42 65.7 54.2 81.4
101 9.2 7.6 11.4
130 22.3 17.1 25.7

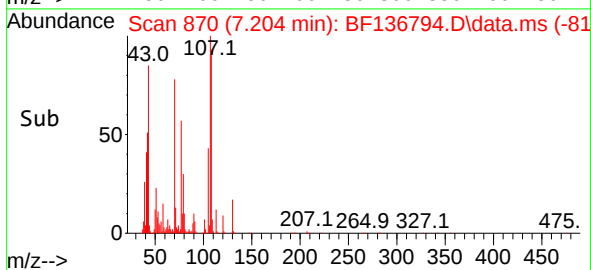
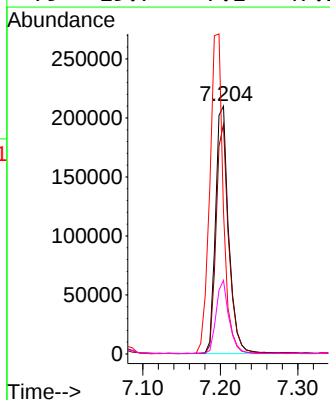
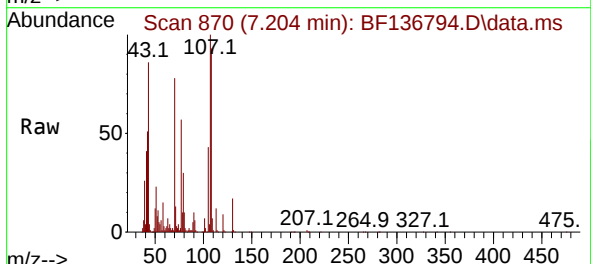
Manual Integrations
APPROVED

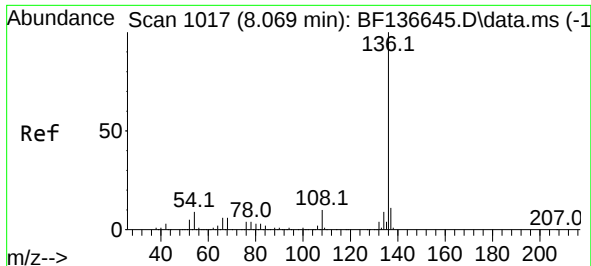
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#20
3+4-Methylphenols
Concen: 47.048 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:107 Resp: 249188
Ion Ratio Lower Upper
107 100
108 92.6 66.0 106.0
77 57.5 114.2 154.2#
79 29.7 7.2 47.2





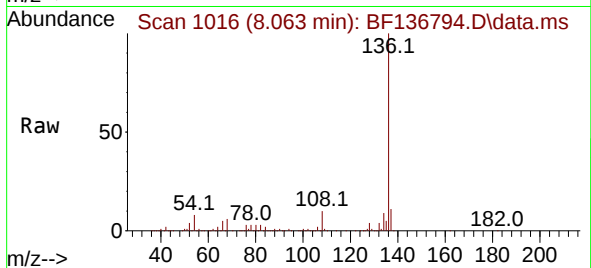
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

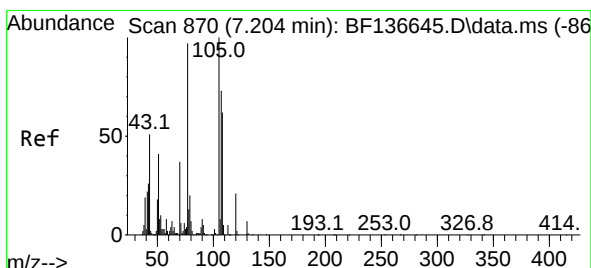
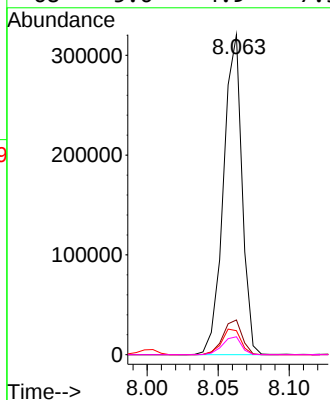
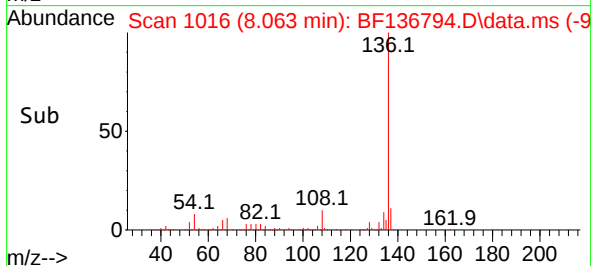


Tgt Ion:136 Resp: 290998
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.5 7.2 10.8
68 5.6 4.9 7.3

Manual Integrations

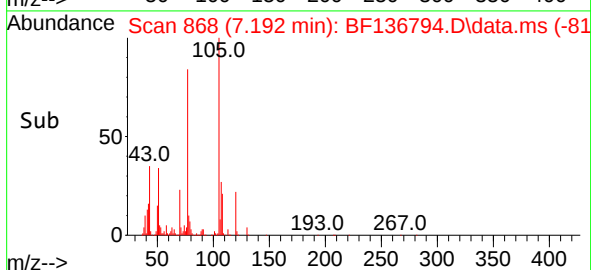
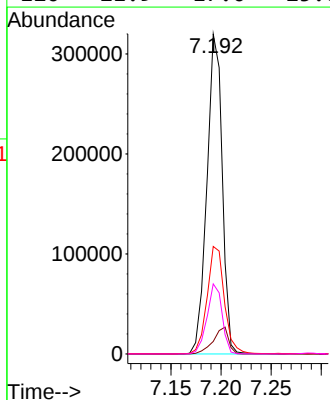
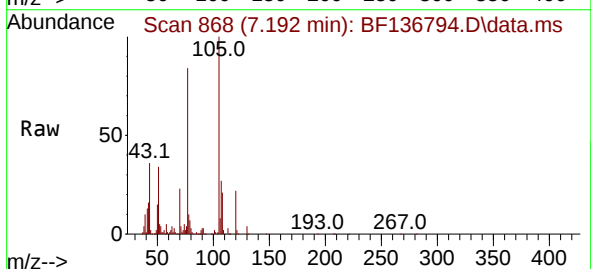
APPROVED

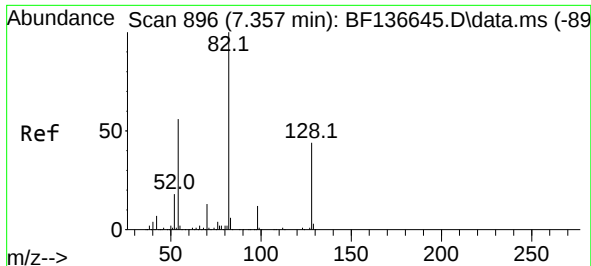
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#22
Acetophenone
Concen: 46.822 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:105 Resp: 341514
Ion Ratio Lower Upper
105 100
71 3.9 4.8 7.2#
51 33.6 32.8 49.2
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.072 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

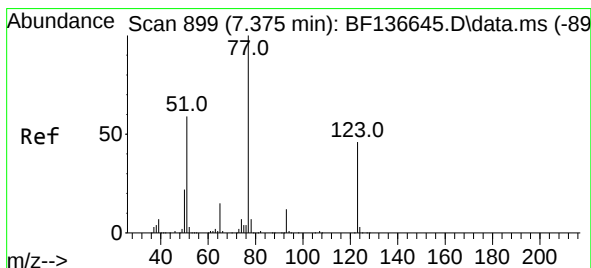
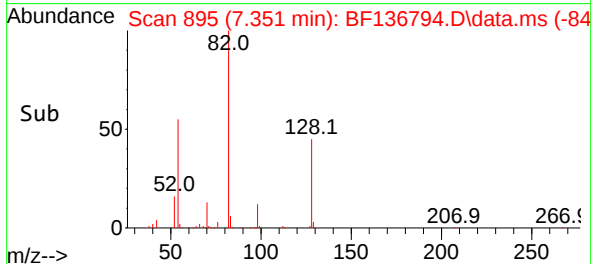
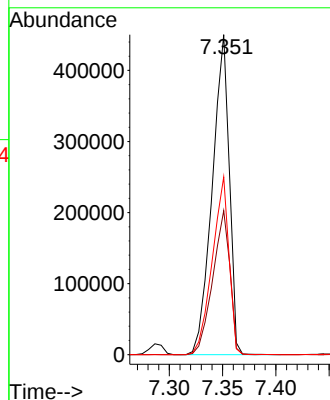
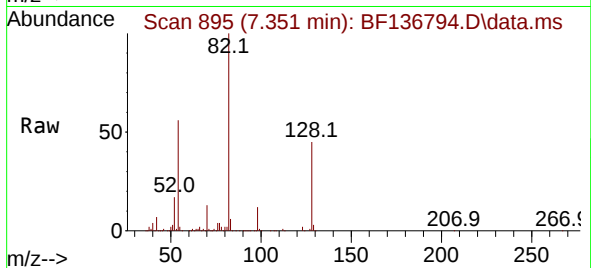
MR-319-0-2MSD

Tgt Ion: 82	Resp: 50084
Ion Ratio	Lower Upper
82	100
128	45.0 35.3 52.9
54	55.5 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#24

Nitrobenzene

Concen: 42.252 ng

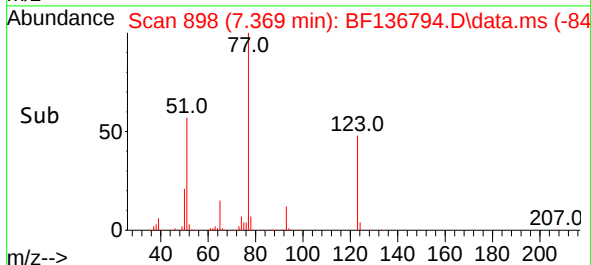
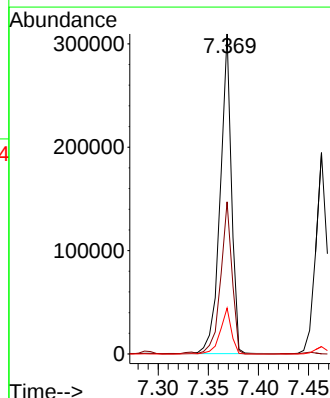
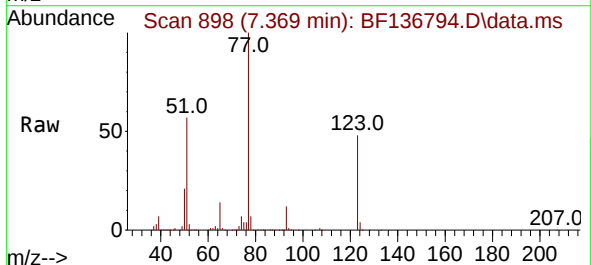
RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Tgt Ion: 77	Resp: 240693
Ion Ratio	Lower Upper
77	100
123	47.6 36.7 55.1
65	14.4 11.8 17.6





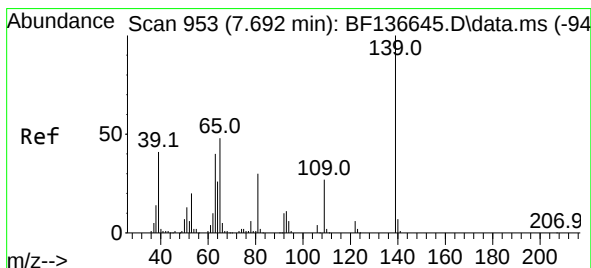
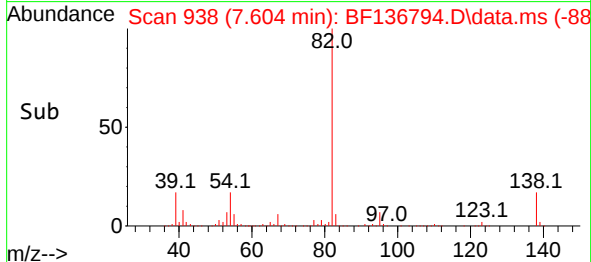
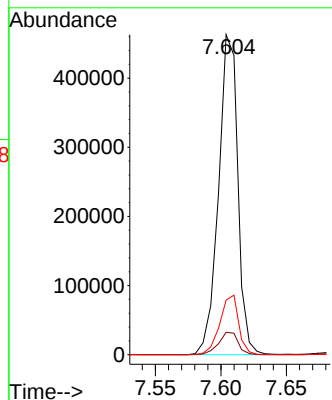
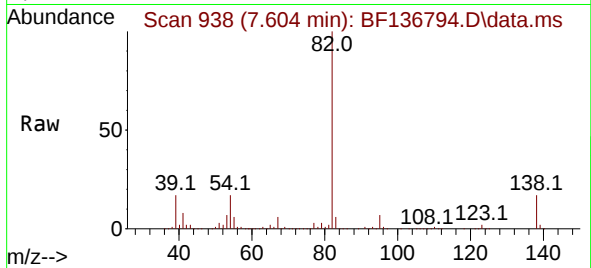
#25
Isophorone
Concen: 45.717 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD

Tgt Ion: 82 Resp: 473068
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.1 14.5 21.7

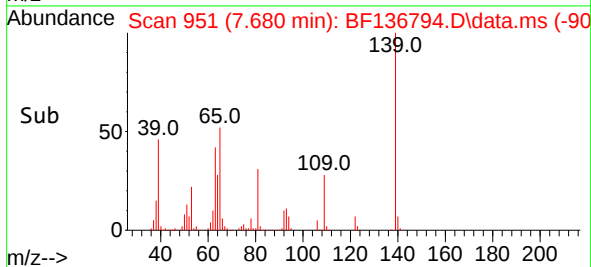
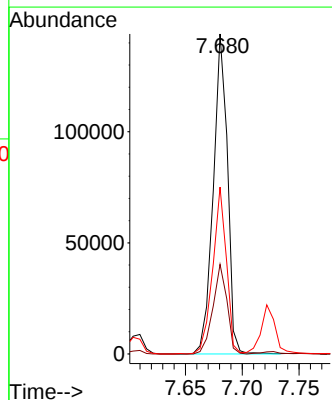
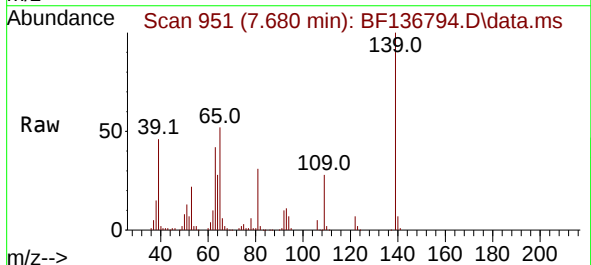
Manual Integrations
APPROVED

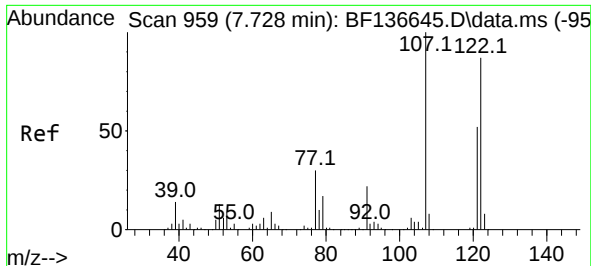
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#26
2-Nitrophenol
Concen: 45.993 ng
RT: 7.680 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

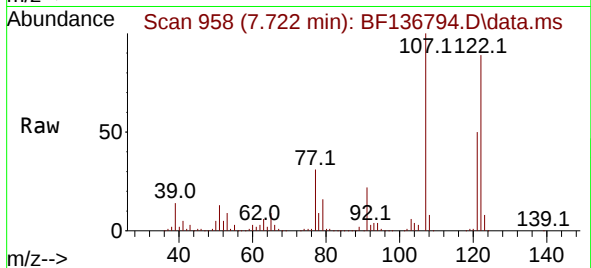
Tgt Ion:139 Resp: 125355
Ion Ratio Lower Upper
139 100
109 28.0 21.9 32.9
65 52.1 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 58.202 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

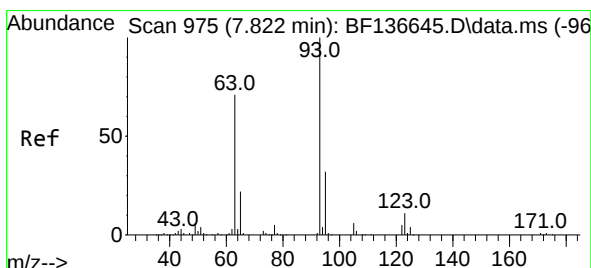
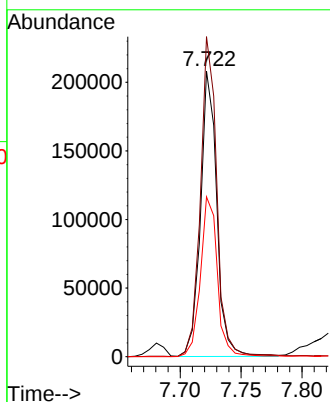
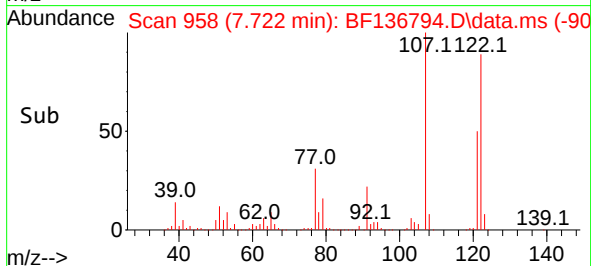
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:122 Resp: 19312
Ion Ratio Lower Upper
122 100
107 112.1 92.0 138.0
121 56.0 47.5 71.3

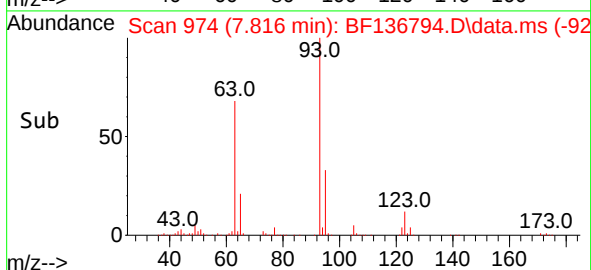
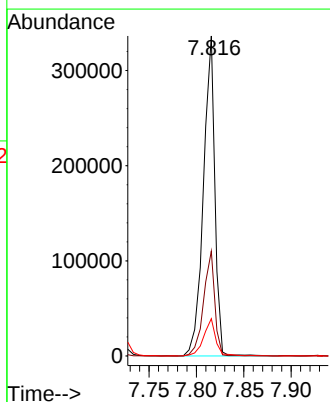
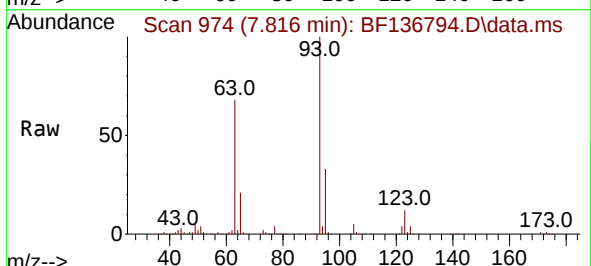
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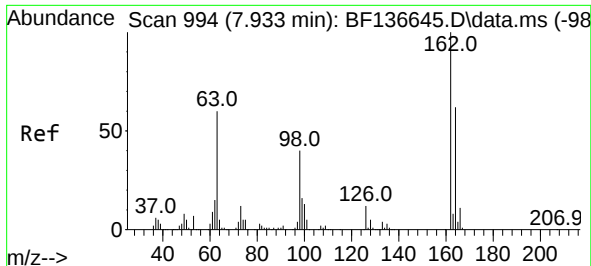
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.189 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion: 93 Resp: 284230
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.993 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

Tgt Ion:162 Resp: 20502

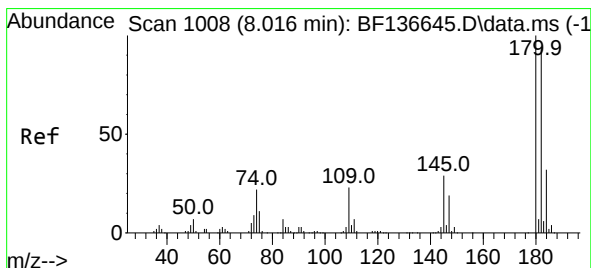
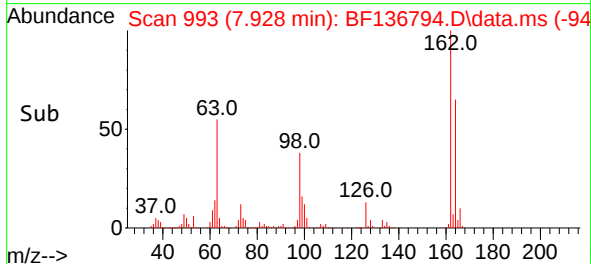
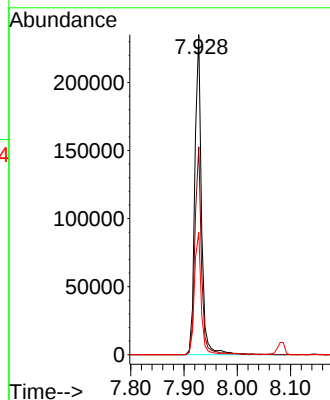
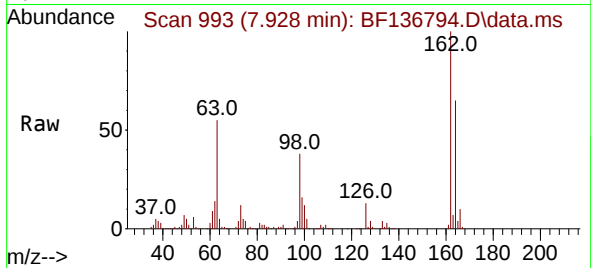
Ion	Ratio	Lower	Upper
162	100		
164	65.0	41.7	81.7
98	38.2	19.5	59.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.054 ng

RT: 8.004 min Scan# 1006

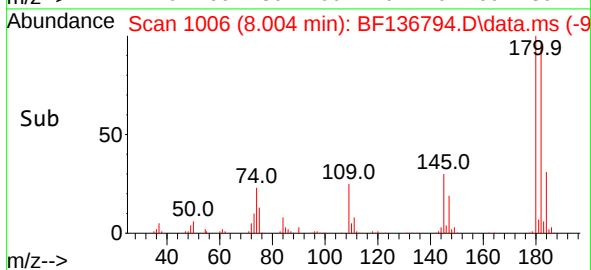
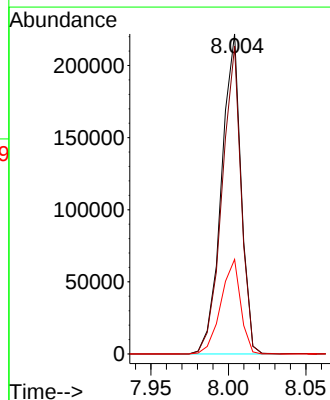
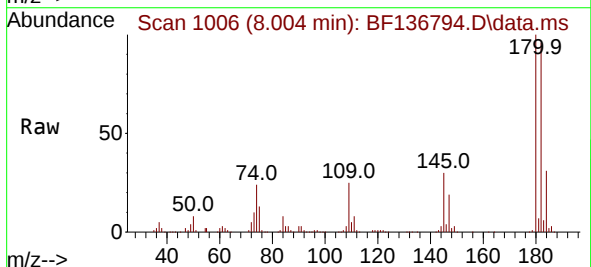
Delta R.T. -0.012 min

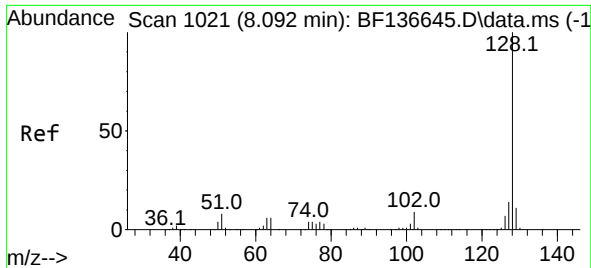
Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Tgt Ion:180 Resp: 195403

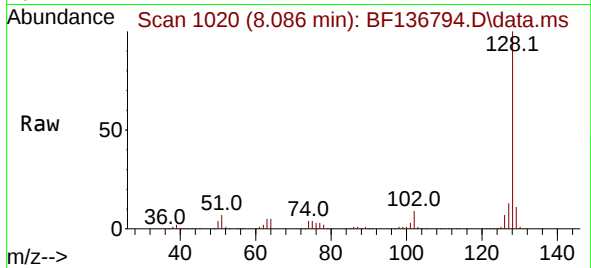
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	29.6	23.1	34.7





#31
Naphthalene
Concen: 41.815 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

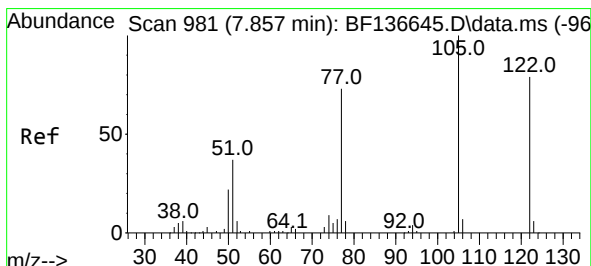
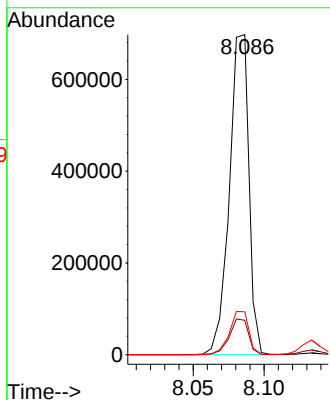
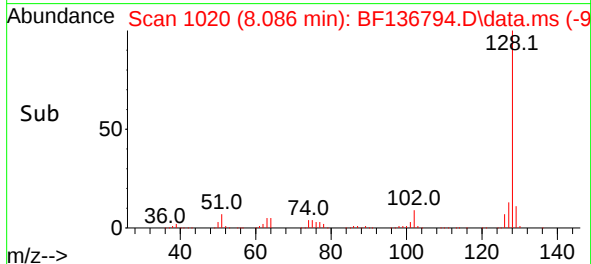
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



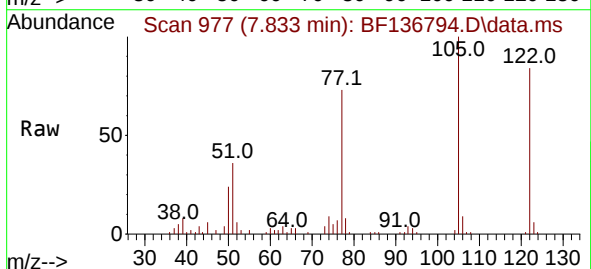
Tgt Ion:128 Resp: 668489
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.8 16.2

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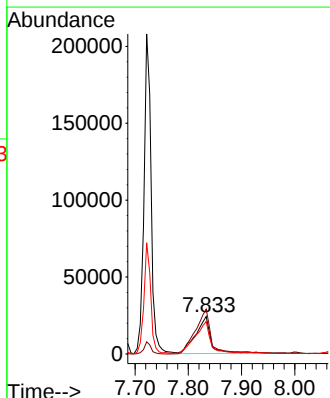
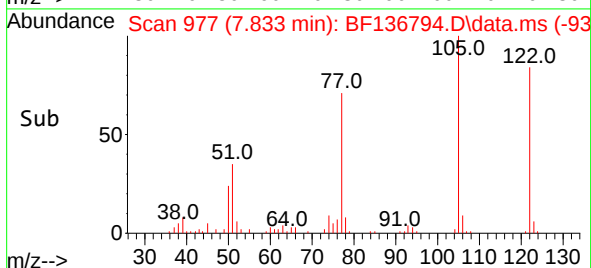
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

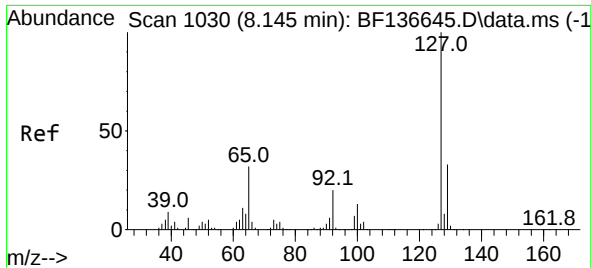


#32
Benzoic acid
Concen: 15.248 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.024 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



Tgt Ion:122 Resp: 48955
Ion Ratio Lower Upper
122 100
105 119.4 100.8 140.8
77 86.6 70.9 110.9





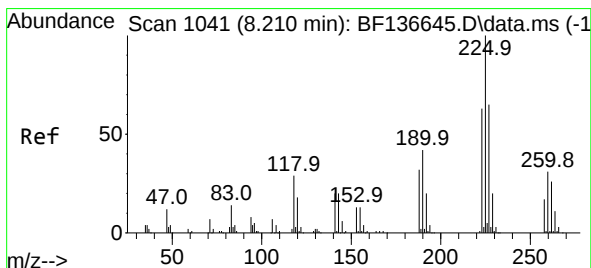
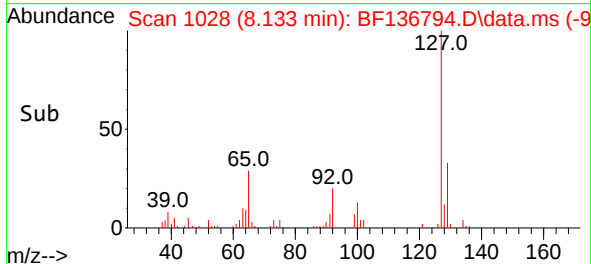
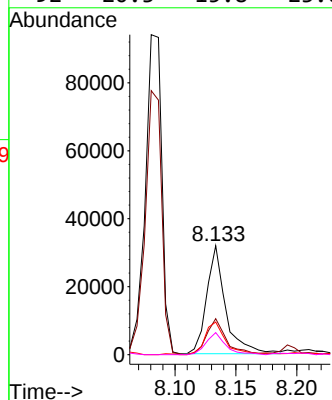
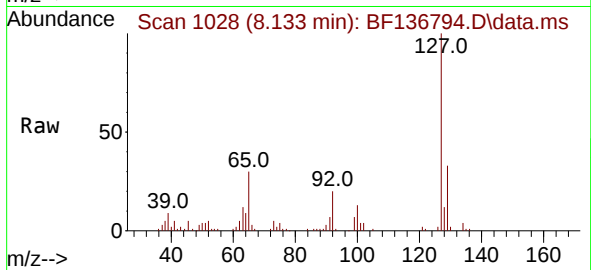
#33
4-Chloroaniline
Concen: 5.837 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD

Tgt Ion:	127	Resp:	3445
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.3	39.5
65	30.0	25.8	38.8
92	20.3	15.8	23.6

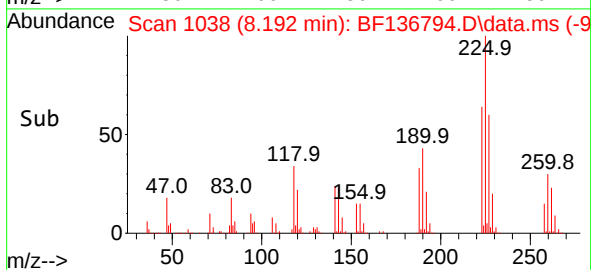
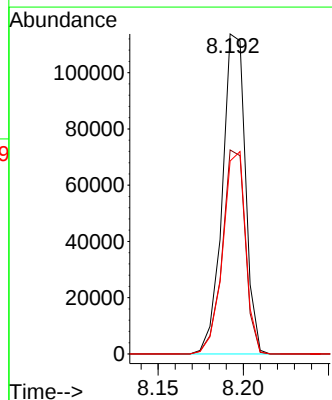
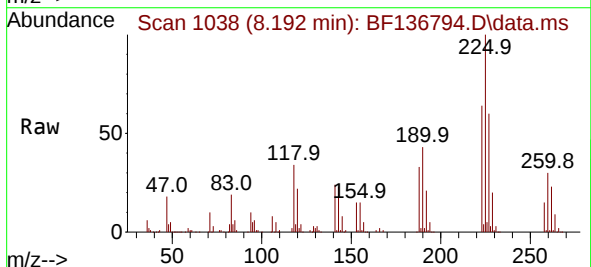
Manual Integrations
APPROVED

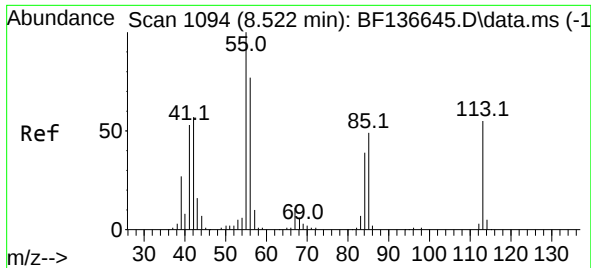
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#34
Hexachlorobutadiene
Concen: 36.948 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:	225	Resp:	106847
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.6	76.0
227	60.3	51.9	77.9





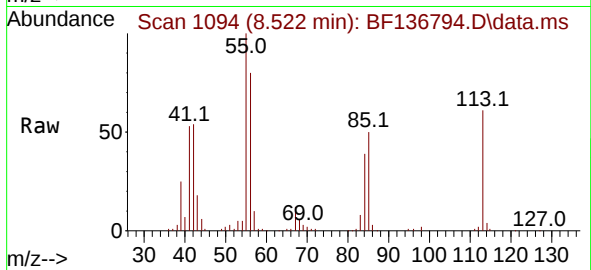
#35
Caprolactam
Concen: 50.848 ng m
RT: 8.522 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD



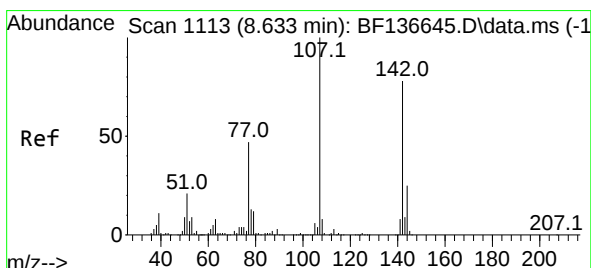
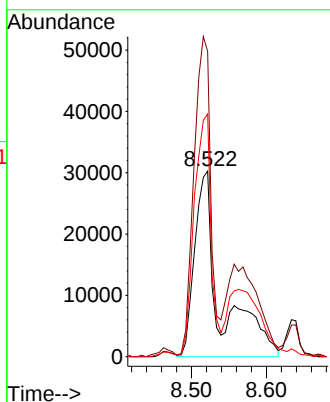
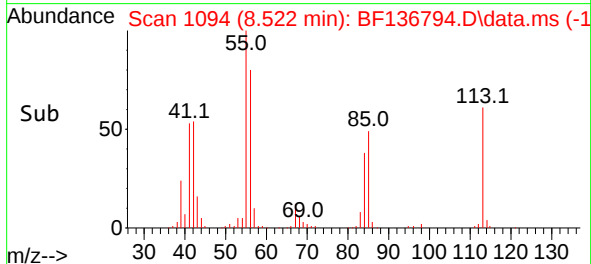
Tgt Ion:113 Resp: 71658
Ion Ratio Lower Upper
113 100
55 164.5 163.1 203.1
56 130.8 121.7 161.7

Manual Integrations

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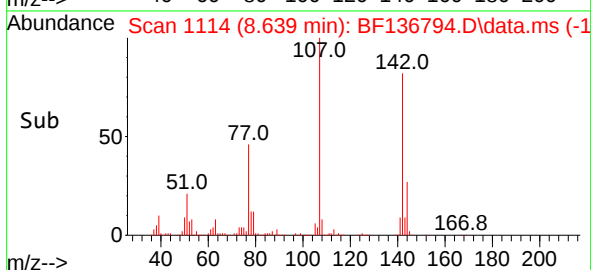
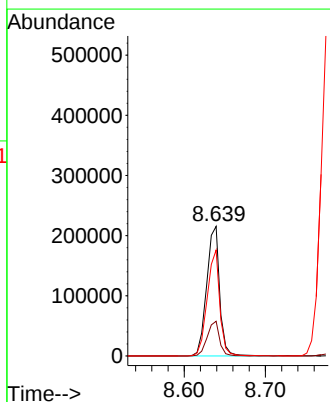
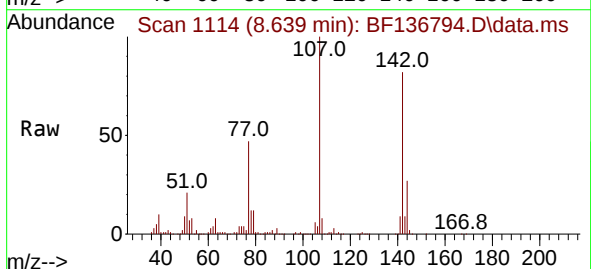
Reviewed By :Yogesh Patel 12/29/2023

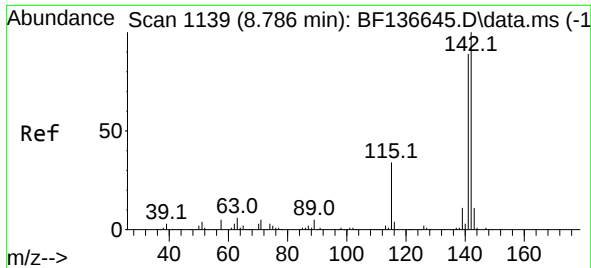
Supervised By :mohammad ahmed 12/29/2023



#36
4-Chloro-3-methylphenol
Concen: 49.597 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:107 Resp: 238521
Ion Ratio Lower Upper
107 100
144 26.8 20.2 30.2
142 81.7 62.3 93.5





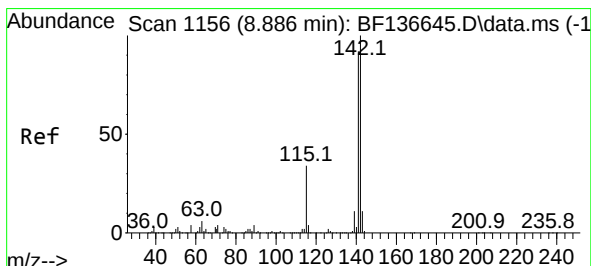
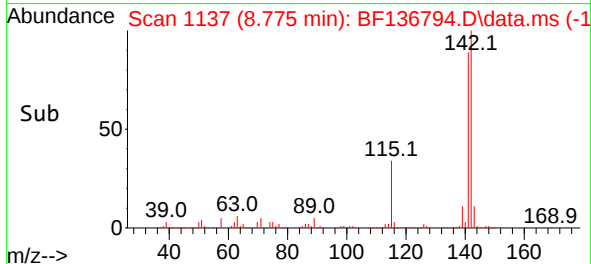
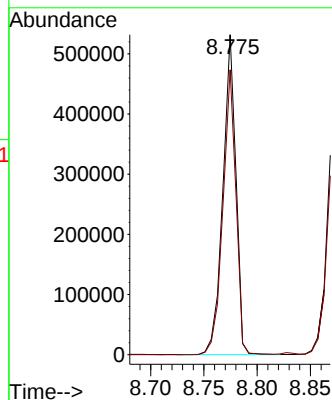
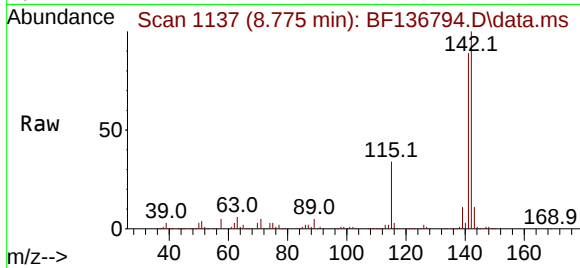
#37
2-Methylnaphthalene
Concen: 43.813 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD

Tgt Ion:142 Resp: 450768
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7

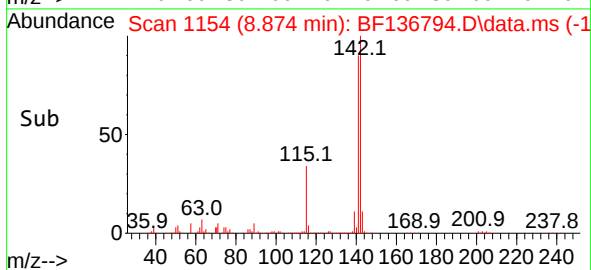
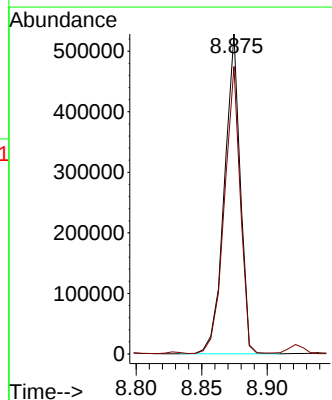
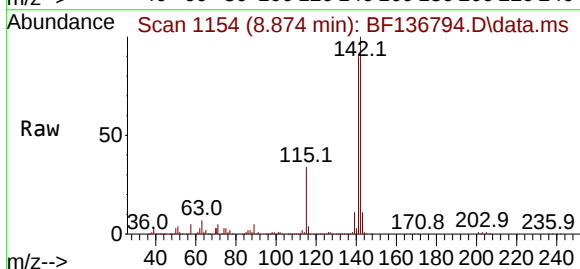
Manual Integrations
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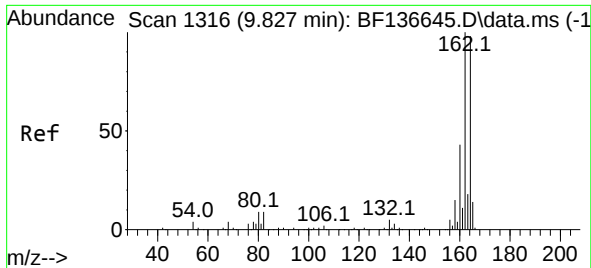
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#38
1-Methylnaphthalene
Concen: 43.895 ng
RT: 8.874 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

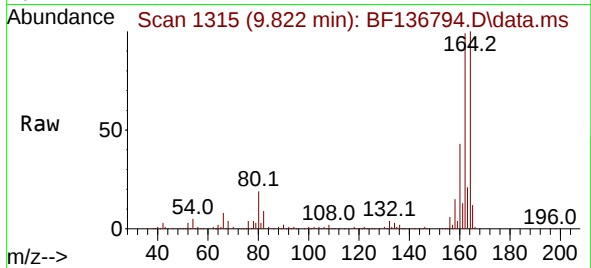
Tgt Ion:142 Resp: 443070
Ion Ratio Lower Upper
142 100
141 89.9 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

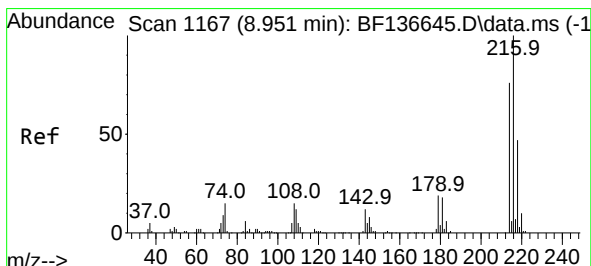
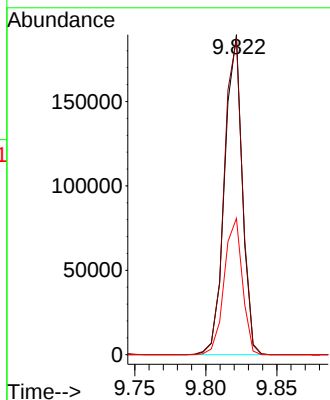
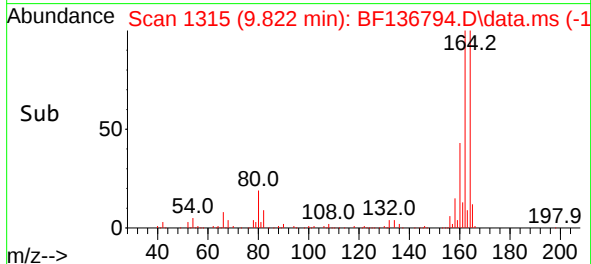
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



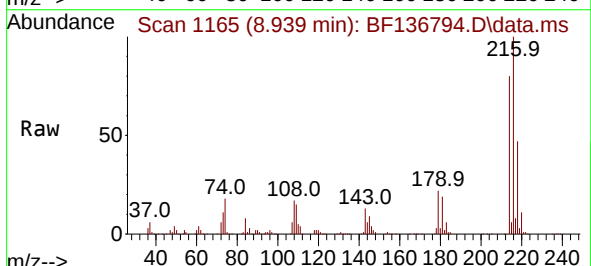
Tgt Ion:164 Resp: 162984
Ion Ratio Lower Upper
164 100
162 98.6 81.6 122.4
160 42.6 34.9 52.3

Manual Integrations
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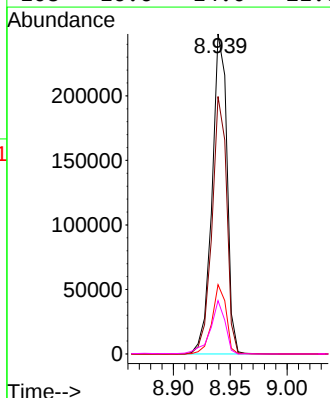
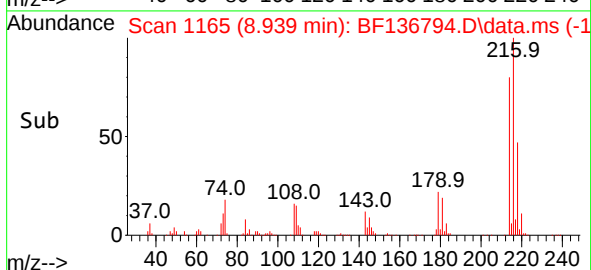
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

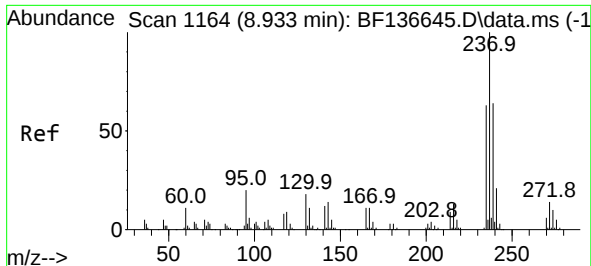


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.989 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



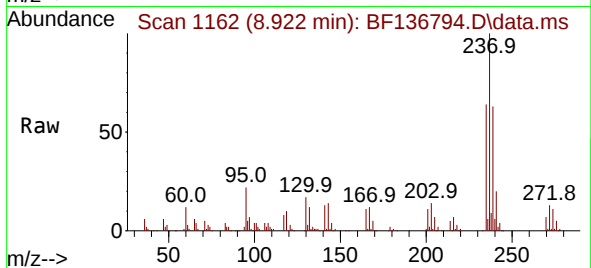
Tgt Ion:216 Resp: 227082
Ion Ratio Lower Upper
216 100
214 79.0 62.3 93.5
179 20.3 16.4 24.6
108 16.6 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 65.712 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

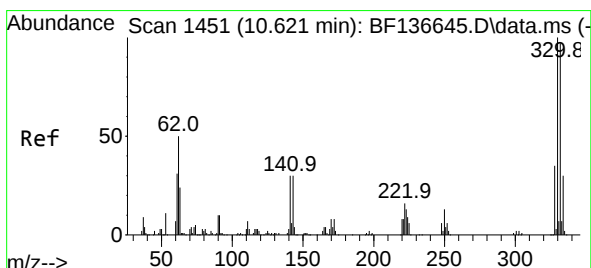
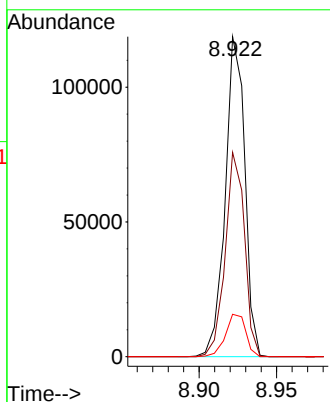
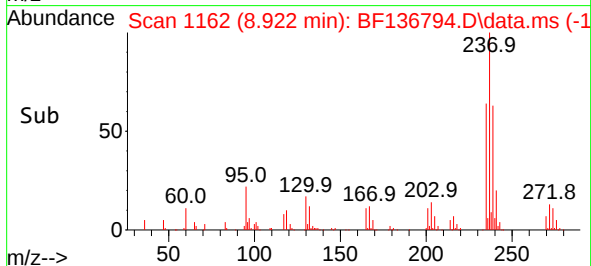
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:237 Resp: 104250
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 13.2 0.0 34.2

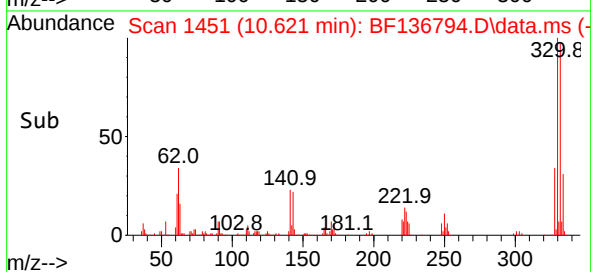
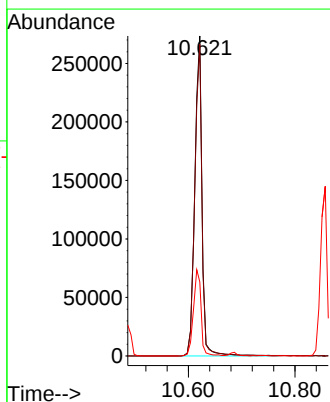
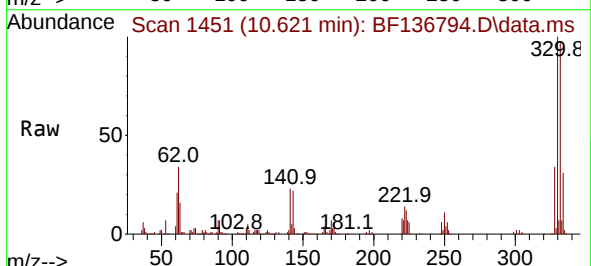
Manual Integrations
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Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#42
2,4,6-Tribromophenol
Concen: 134.330 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

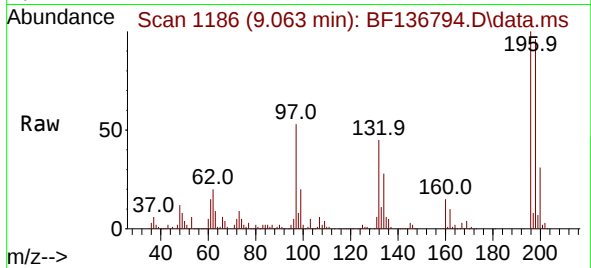
Tgt Ion:330 Resp: 257847
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 28.4 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 47.032 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

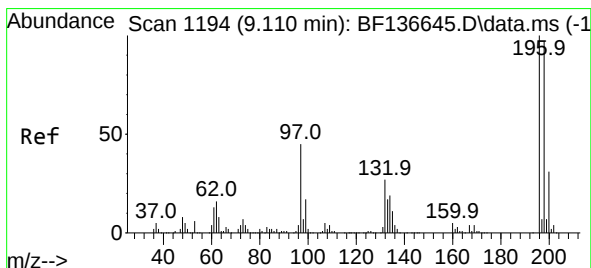
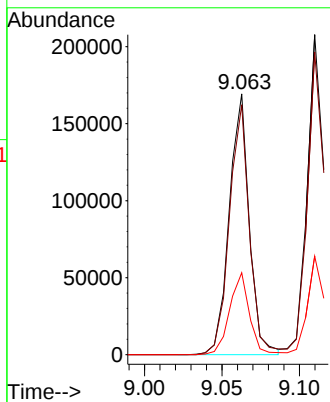
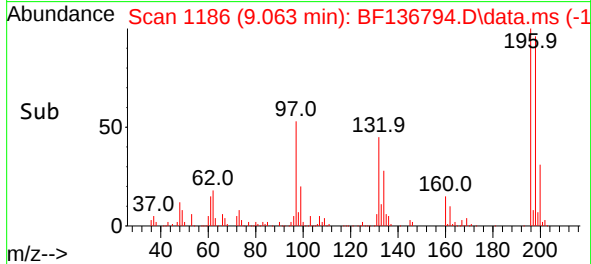
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



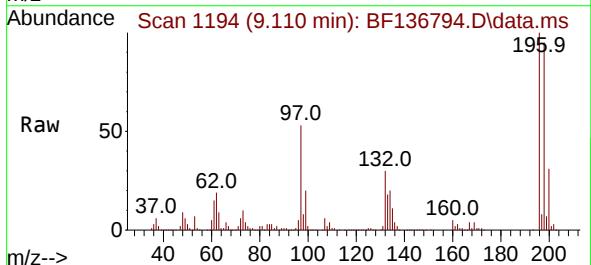
Tgt Ion:196 Resp: 15224
Ion Ratio Lower Upper
196 100
198 95.8 75.1 112.7
200 31.4 22.5 33.7

Manual Integrations
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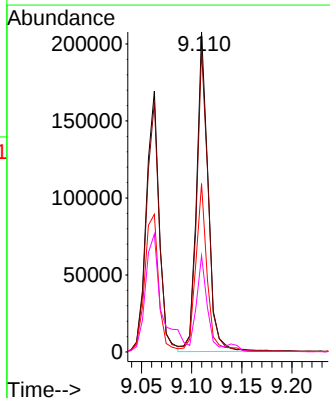
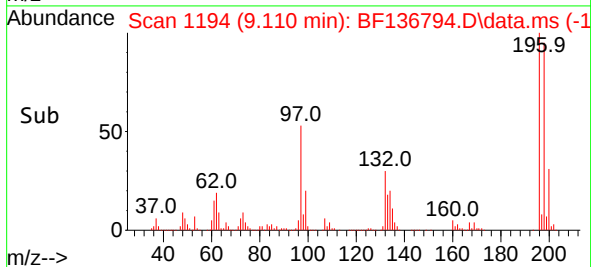
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

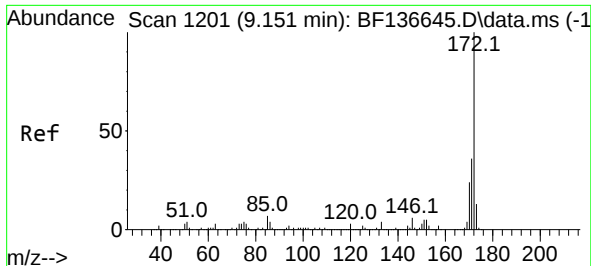


#44
2,4,5-Trichlorophenol
Concen: 46.144 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



Tgt Ion:196 Resp: 166454
Ion Ratio Lower Upper
196 100
198 94.6 77.0 115.6
97 52.6 36.1 54.1
132 30.1 21.8 32.6





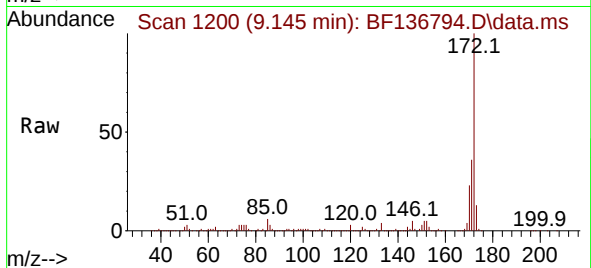
#45
2-Fluorobiphenyl
Concen: 85.585 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

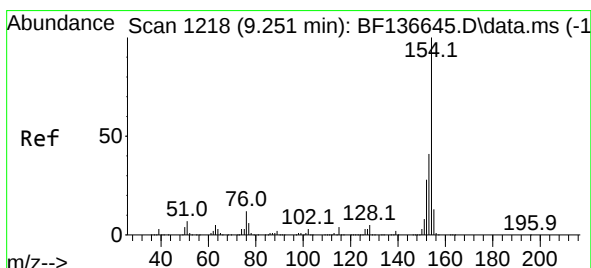
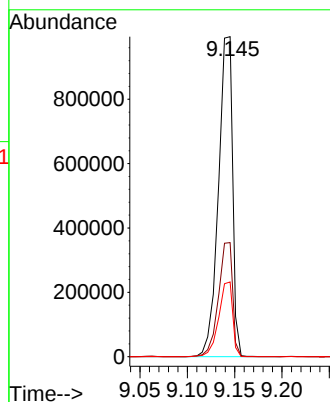
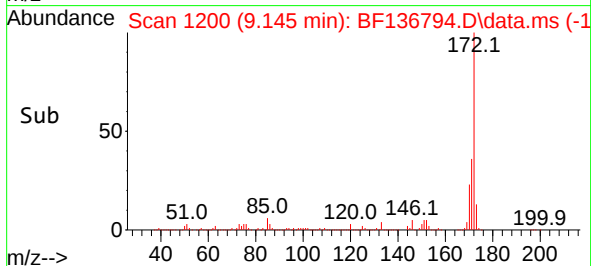


Tgt Ion:172 Resp: 1037100
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.4 19.0 28.4

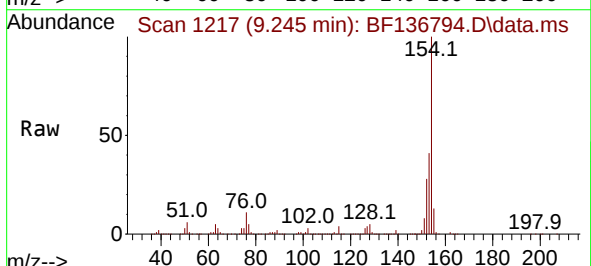
Manual Integrations

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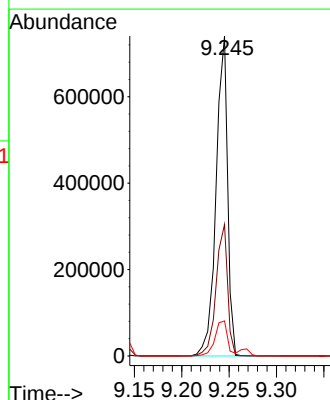
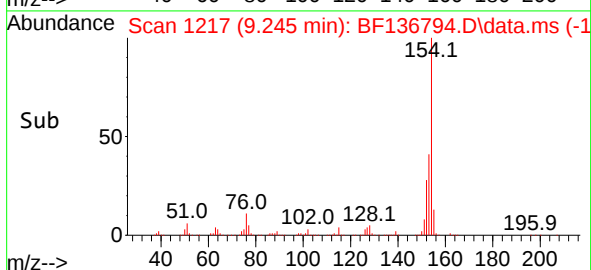
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

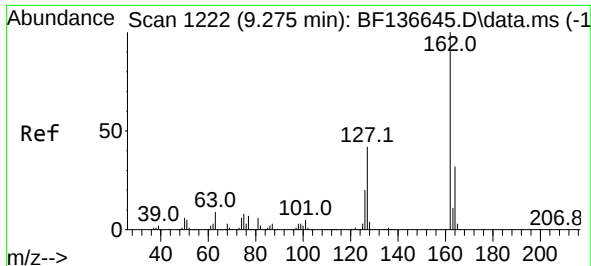


#46
1,1'-Biphenyl
Concen: 45.596 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



Tgt Ion:154 Resp: 623605
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 10.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 43.450 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

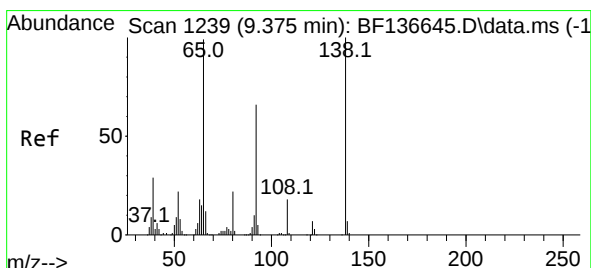
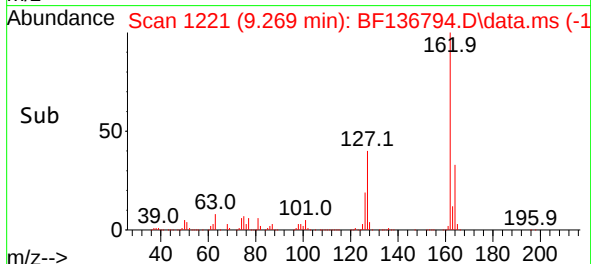
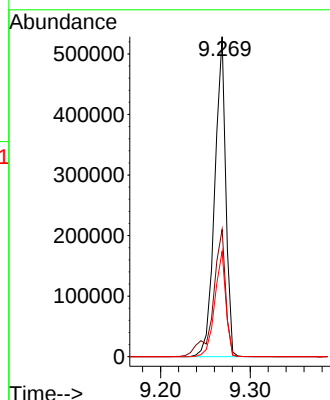
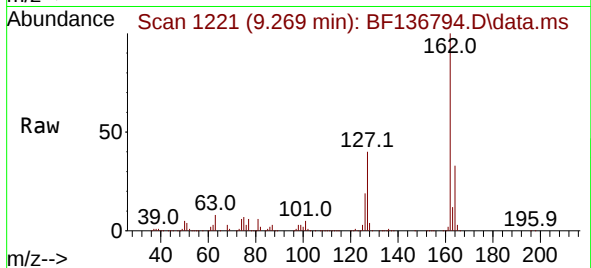
Tgt Ion:	162	Resp:	45176
Ion Ratio	Lower	Upper	
162	100		
127	39.7	33.6	50.4
164	32.9	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#48

2-Nitroaniline

Concen: 49.247 ng

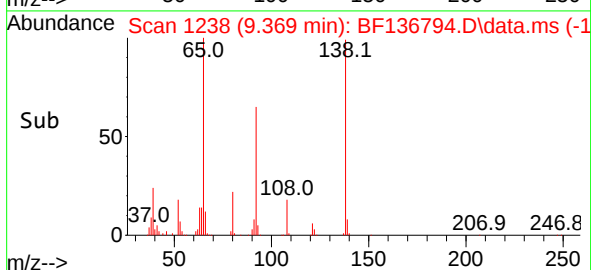
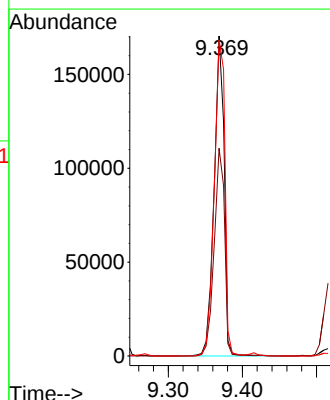
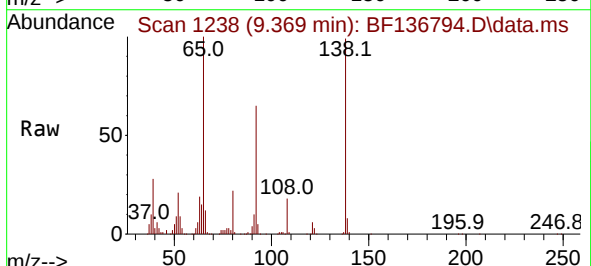
RT: 9.369 min Scan# 1238

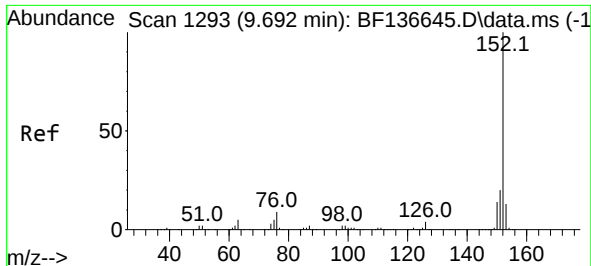
Delta R.T. -0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

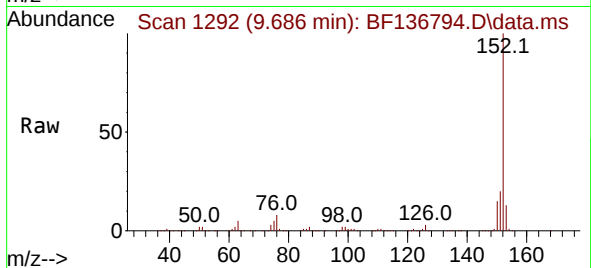
Tgt Ion:	65	Resp:	160345
Ion Ratio	Lower	Upper	
65	100		
92	64.9	53.2	79.8
138	98.8	81.1	121.7





#49
Acenaphthylene
Concen: 48.155 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

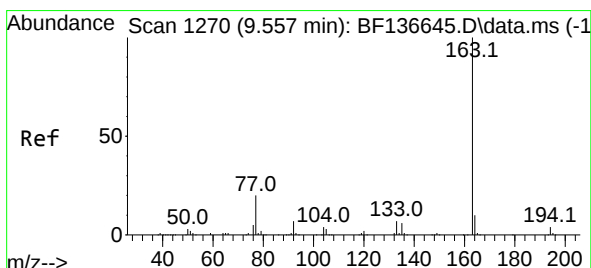
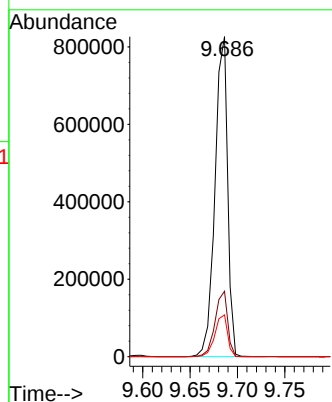
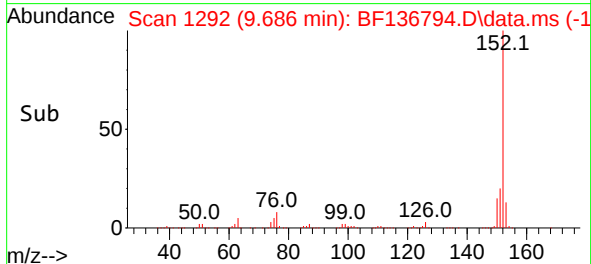
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



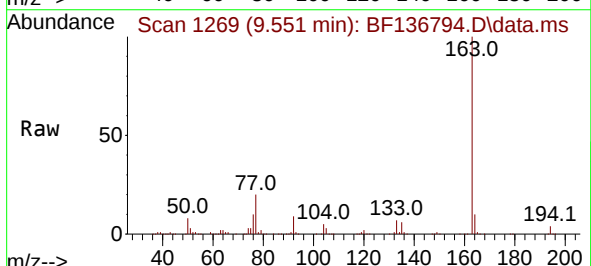
Tgt Ion:152 Resp: 76528
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.1 10.2 15.2

Manual Integrations
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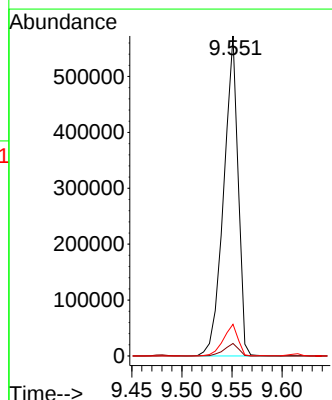
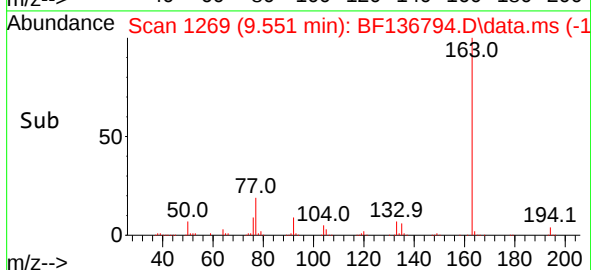
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

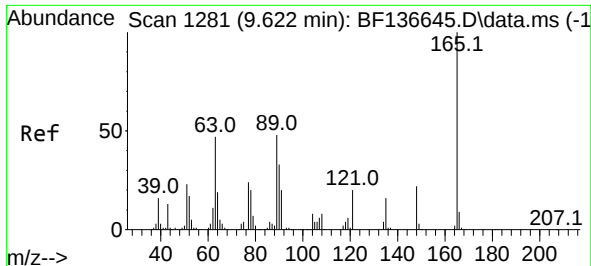


#50
Dimethylphthalate
Concen: 47.968 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



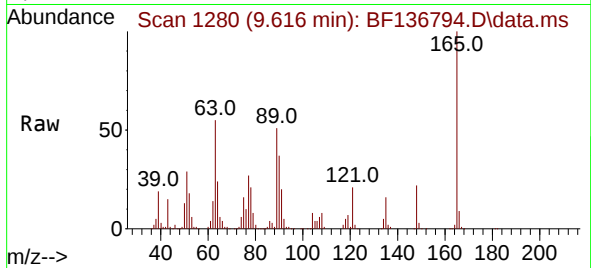
Tgt Ion:163 Resp: 571052
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 46.704 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

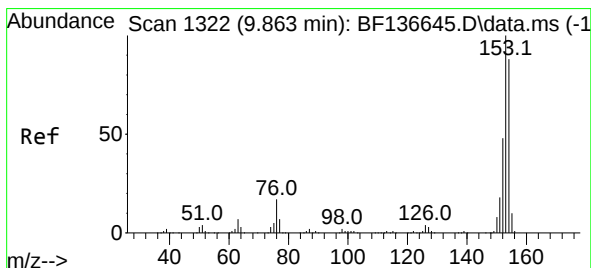
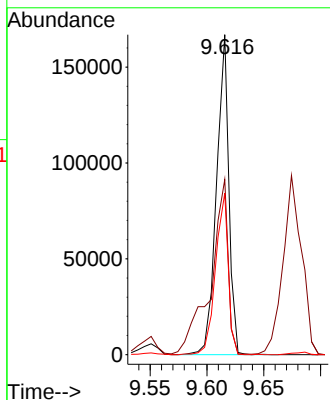
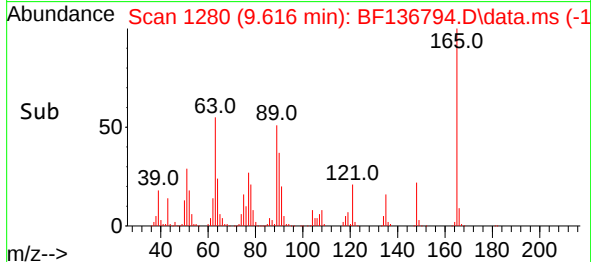
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



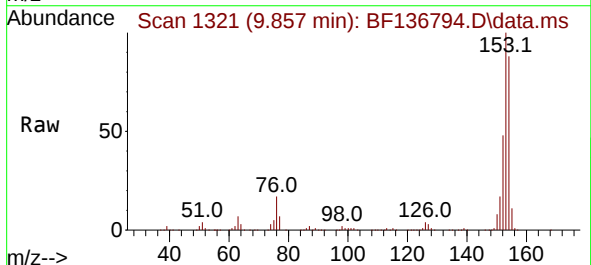
Tgt Ion:165 Resp: 126184
Ion Ratio Lower Upper
165 100
63 54.8 39.8 59.6
89 50.5 38.8 58.2

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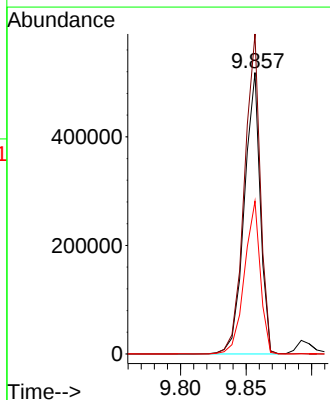
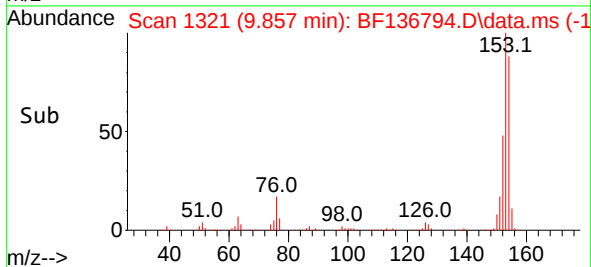
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

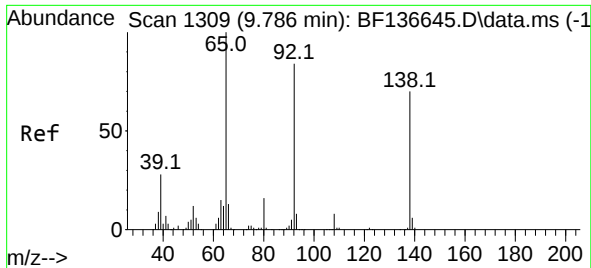


#52
Acenaphthene
Concen: 44.491 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



Tgt Ion:154 Resp: 438295
Ion Ratio Lower Upper
154 100
153 113.7 90.7 136.1
152 54.3 43.7 65.5





#53
3-Nitroaniline
Concen: 20.268 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

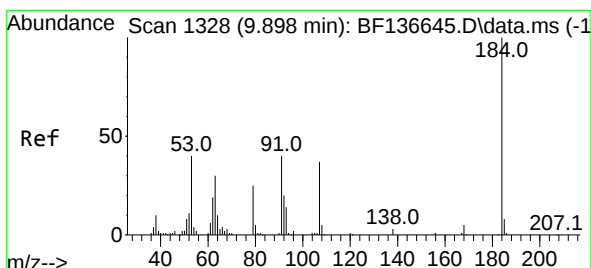
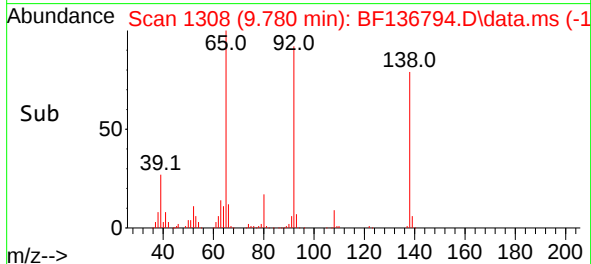
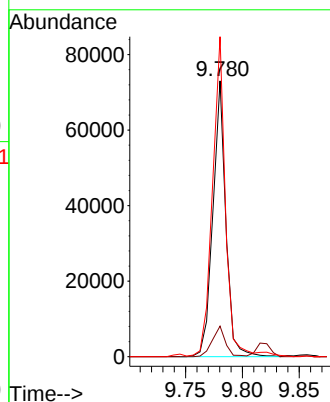
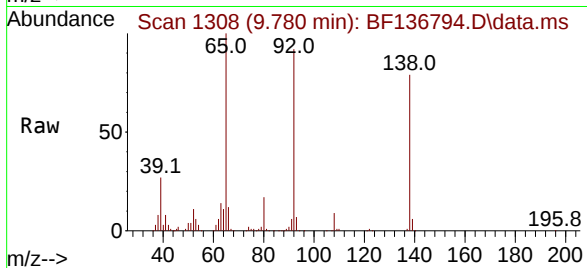
MR-319-0-2MSD

Tgt Ion:138 Resp: 5800
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 116.0 95.2 142.8

Manual Integrations

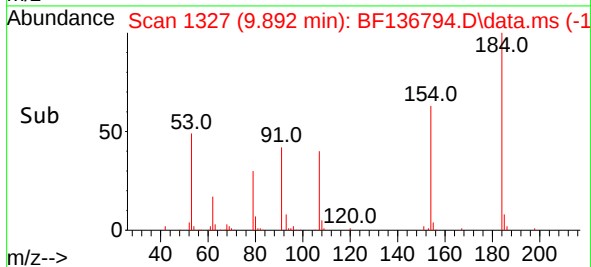
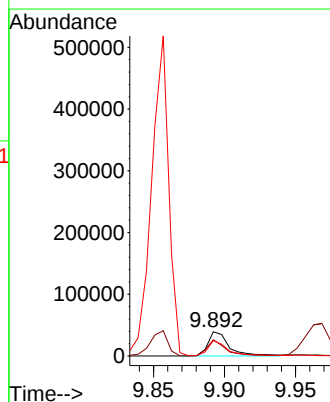
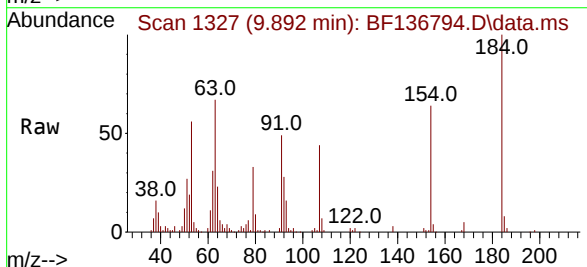
APPROVED

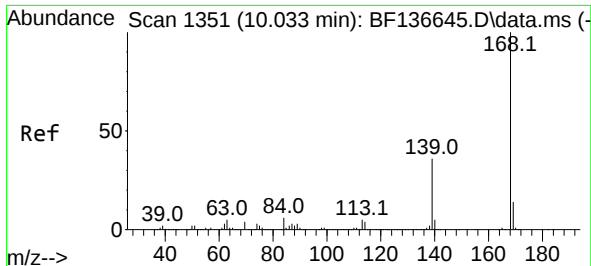
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#54
2,4-Dinitrophenol
Concen: 29.650 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

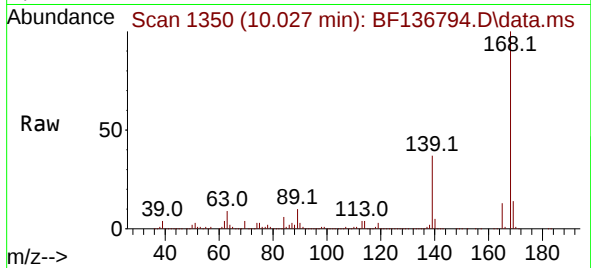
Tgt Ion:184 Resp: 40706
Ion Ratio Lower Upper
184 100
63 66.5 40.9 61.3#
154 63.6 42.7 64.1





#55
Dibenzenofuran
Concen: 45.522 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

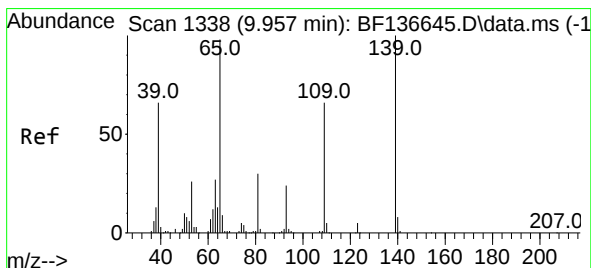
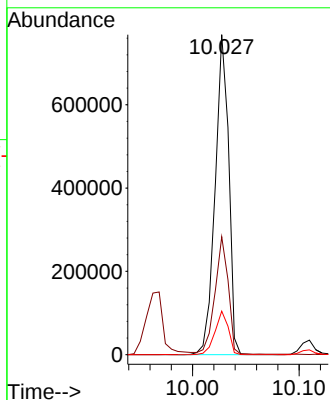
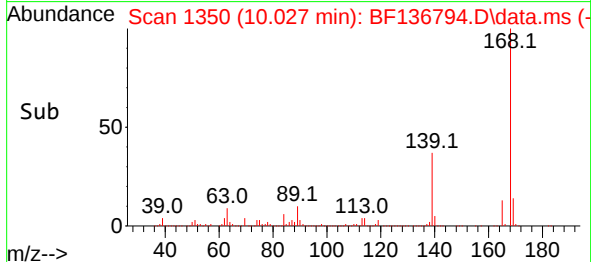
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:168 Resp: 67979
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.6 11.0 16.4

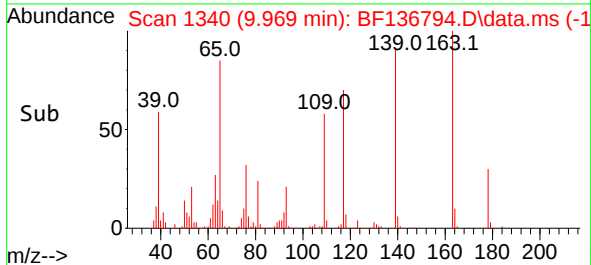
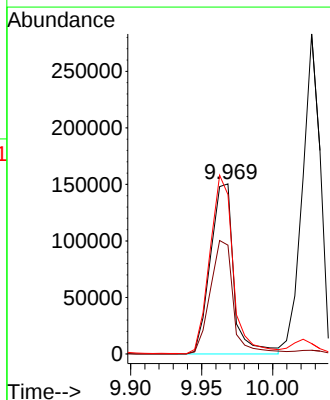
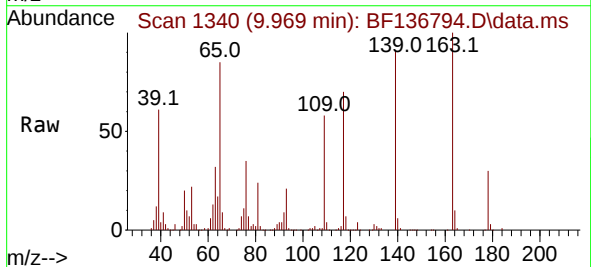
Manual Integrations
APPROVED

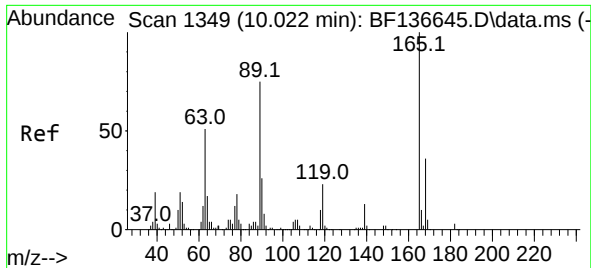
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#56
4-Nitrophenol
Concen: 89.339 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

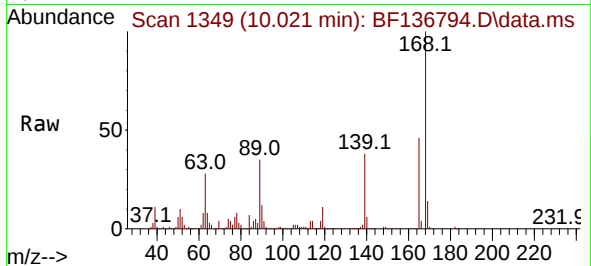
Tgt Ion:139 Resp: 172608
Ion Ratio Lower Upper
139 100
109 63.9 45.8 85.8
65 93.7 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 46.224 ng
RT: 10.021 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

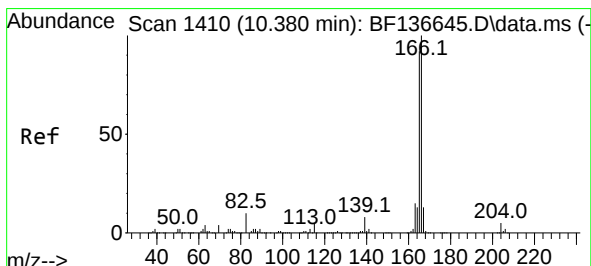
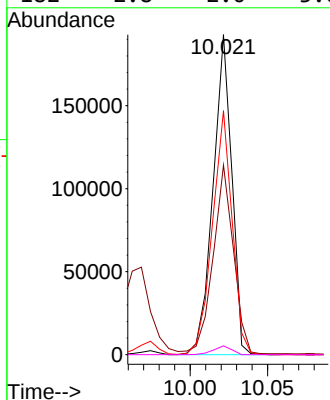
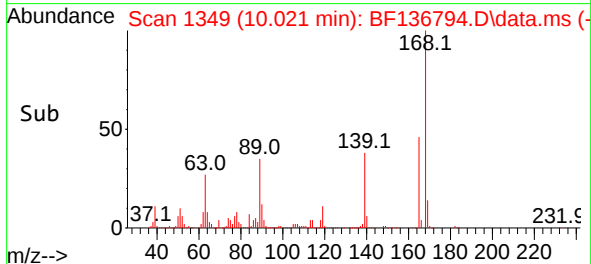
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:165 Resp: 162130
Ion Ratio Lower Upper
165 100
63 59.3 41.0 61.6
89 76.2 59.9 89.9
182 2.8 2.0 3.0

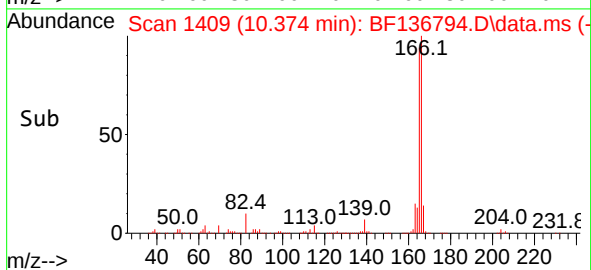
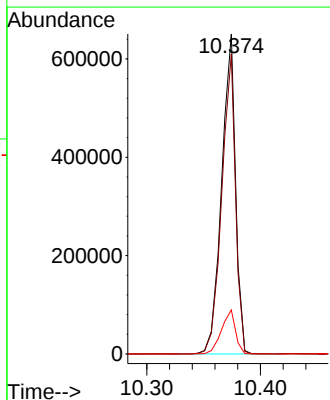
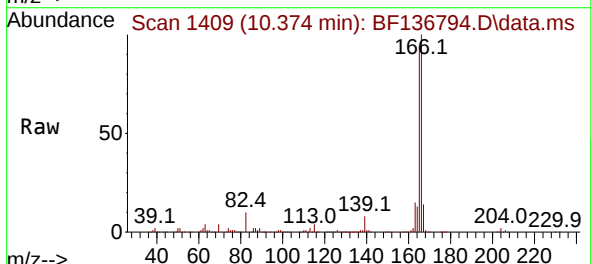
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#58
Fluorene
Concen: 46.844 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

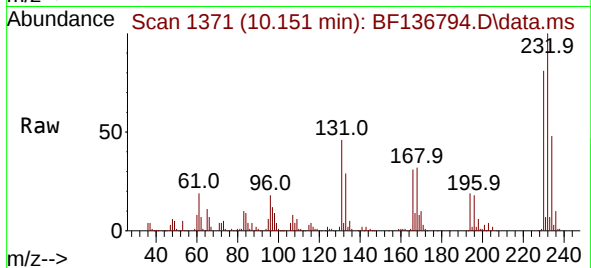
Tgt Ion:166 Resp: 555055
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.210 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

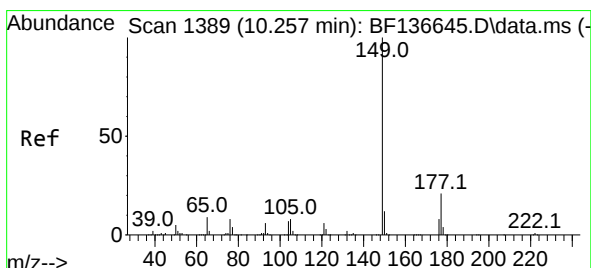
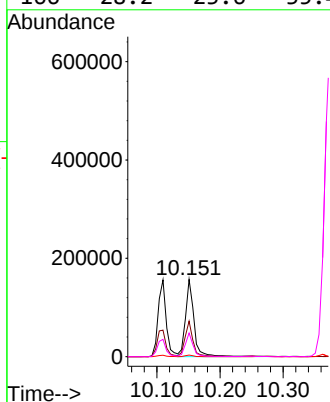
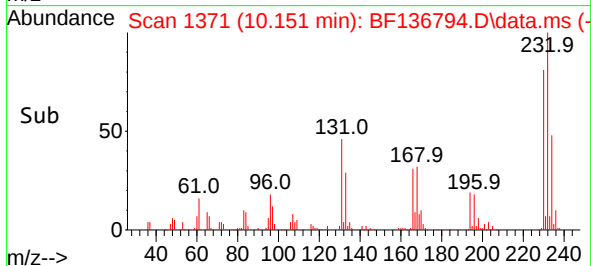
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:232 Resp: 144978
Ion Ratio Lower Upper
232 100
131 41.9 35.1 52.7
130 2.1 1.6 2.4
166 28.2 23.6 35.4

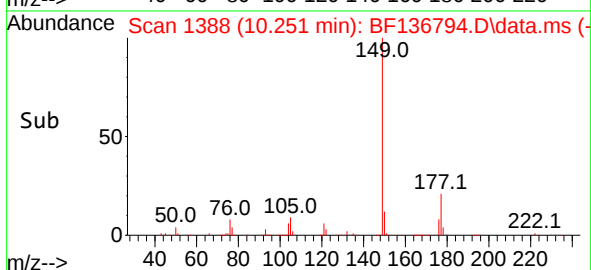
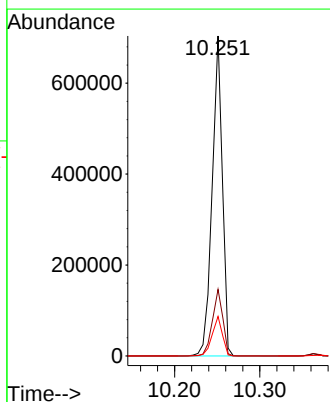
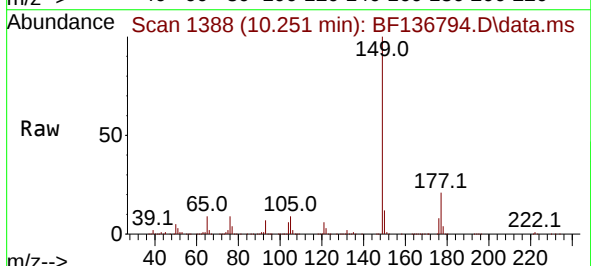
Manual Integrations
APPROVED

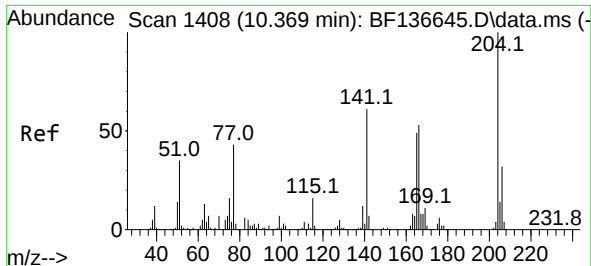
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#60
Diethylphthalate
Concen: 47.580 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

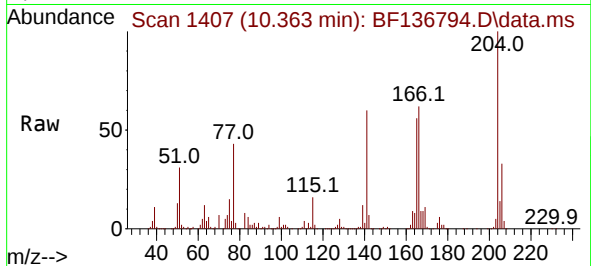
Tgt Ion:149 Resp: 587708
Ion Ratio Lower Upper
149 100
177 20.8 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 44.882 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

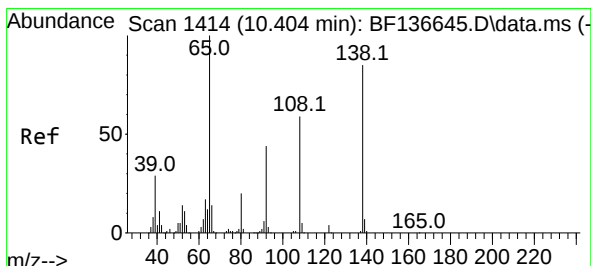
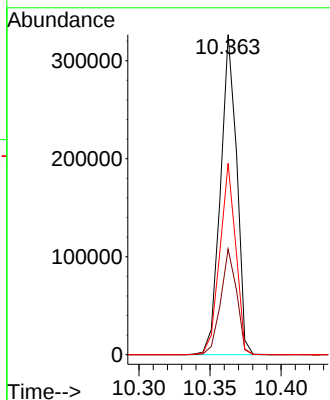
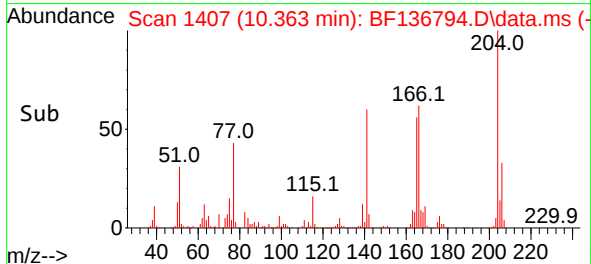
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:204 Resp: 25849
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 59.8 48.4 72.6

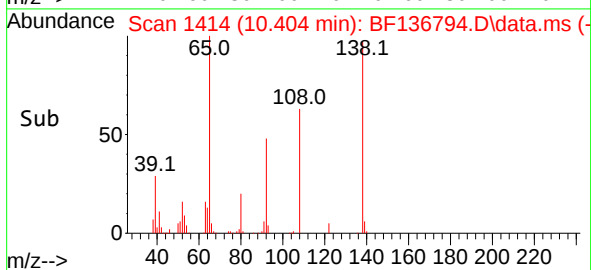
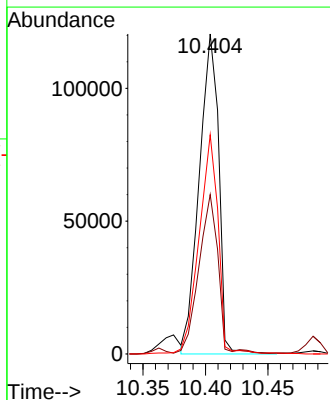
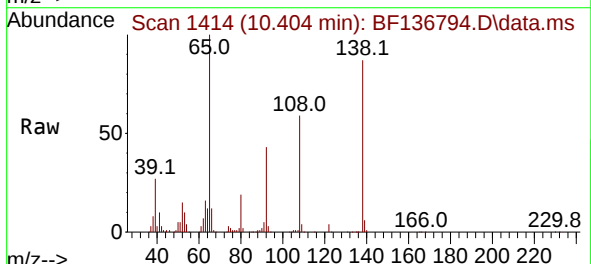
Manual Integrations
APPROVED

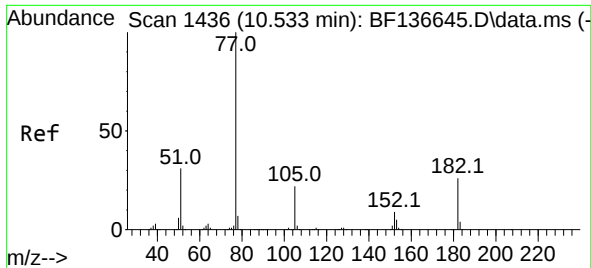
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#62
4-Nitroaniline
Concen: 47.608 ng m
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:138 Resp: 131354
Ion Ratio Lower Upper
138 100
92 49.8 32.1 72.1
108 68.5 50.1 90.1





#63
Azobenzene
Concen: 47.354 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

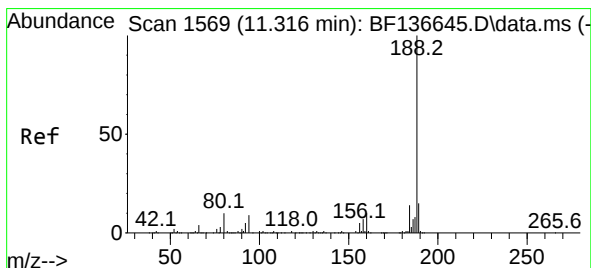
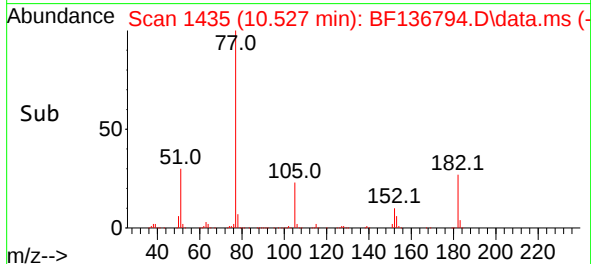
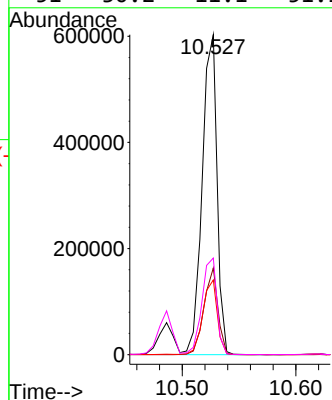
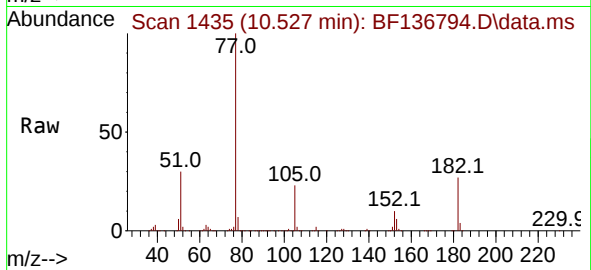
MR-319-0-2MSD

Tgt Ion: 77 Resp: 546307
Ion Ratio Lower Upper
77 100
182 27.1 6.0 46.0
105 23.4 2.3 42.3
51 30.2 11.1 51.1

Manual Integrations

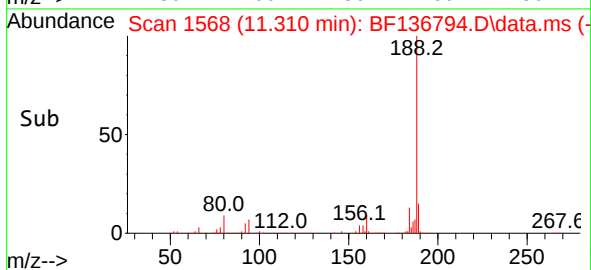
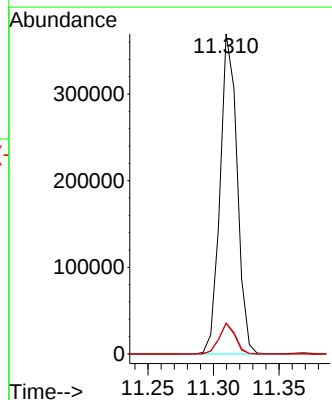
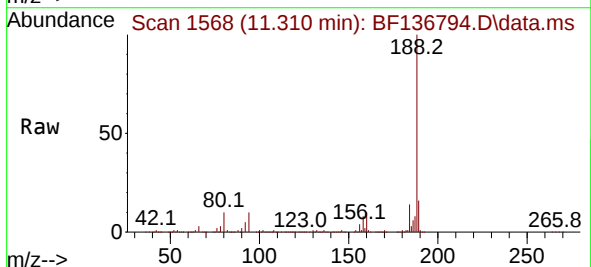
APPROVED

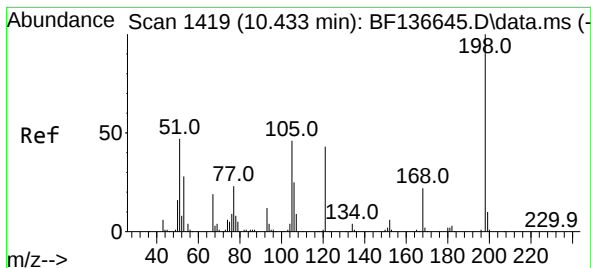
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:188 Resp: 333650
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.7 8.1 12.1





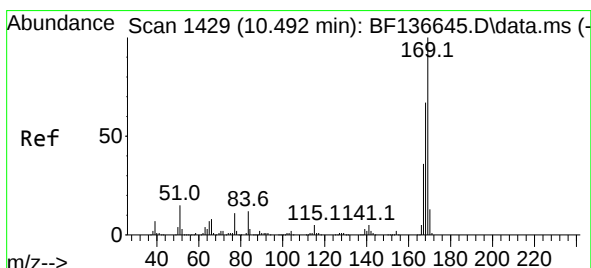
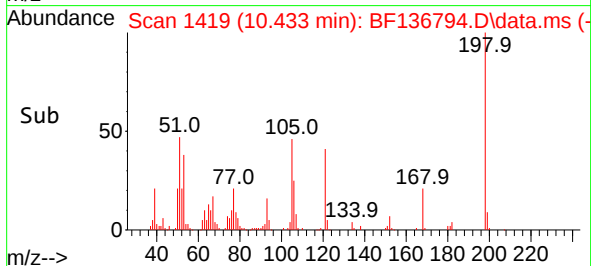
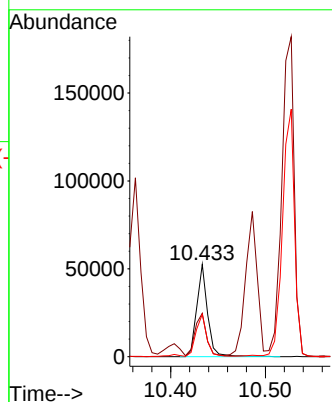
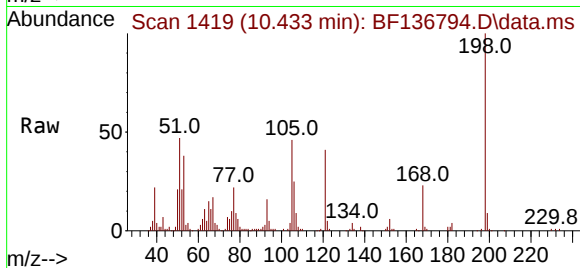
#65
4,6-Dinitro-2-methylphenol
Concen: 21.805 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD

Tgt Ion:198 Resp: 41699
Ion Ratio Lower Upper
198 100
51 47.0 34.1 74.1
105 46.0 27.3 67.3

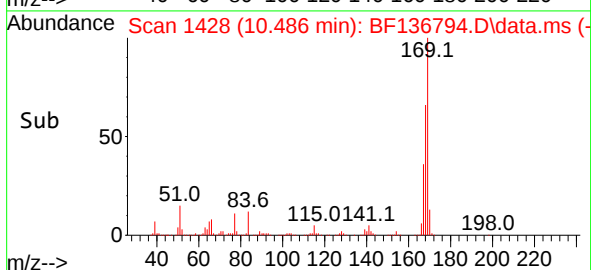
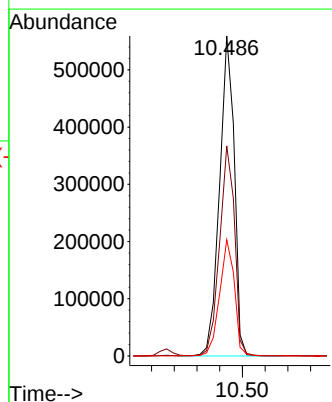
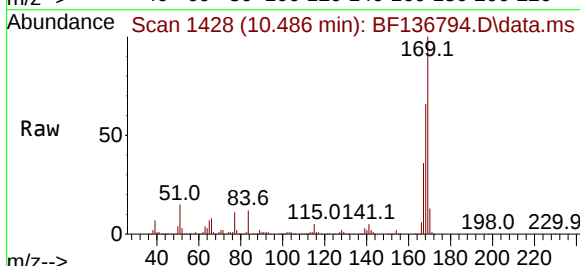
Manual Integrations
APPROVED

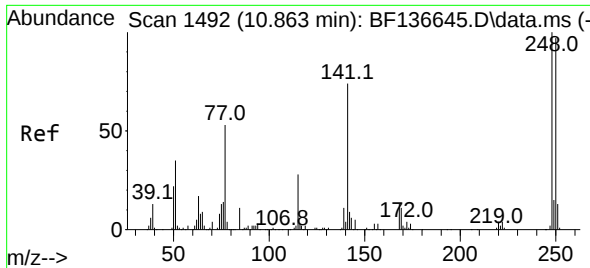
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#66
n-Nitrosodiphenylamine
Concen: 46.589 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

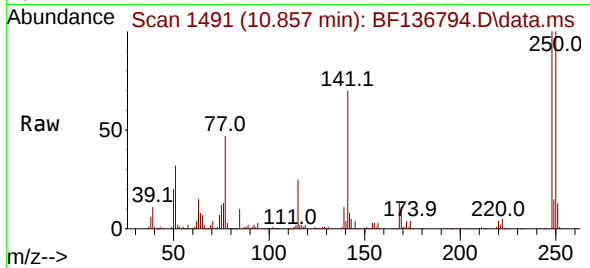
Tgt Ion:169 Resp: 504951
Ion Ratio Lower Upper
169 100
168 65.6 53.8 80.6
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.986 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

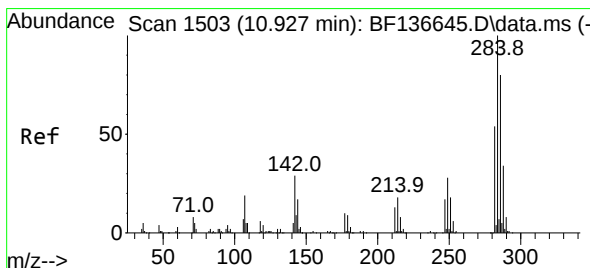
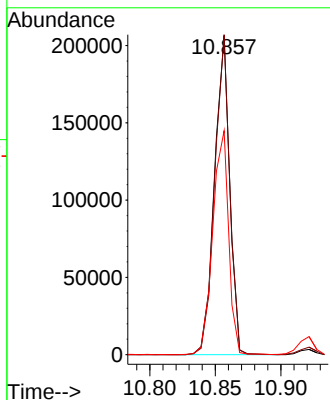
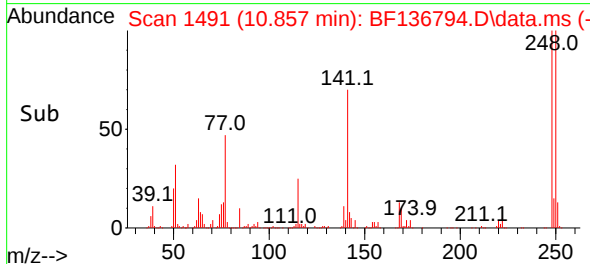
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



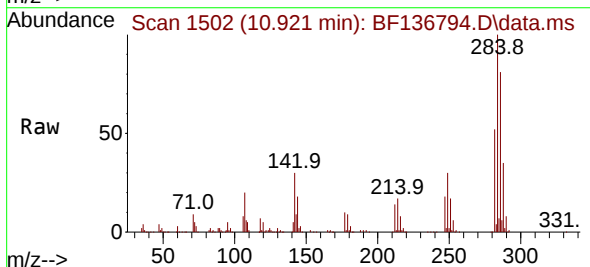
Tgt Ion:248 Resp: 166694
Ion Ratio Lower Upper
248 100
250 100.4 77.8 116.6
141 70.3 59.2 88.8

Manual Integrations
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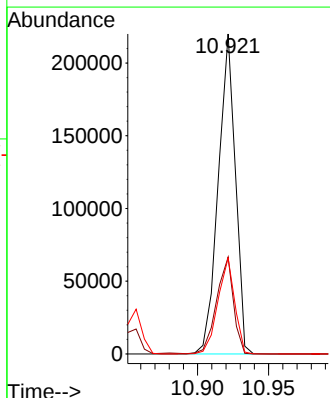
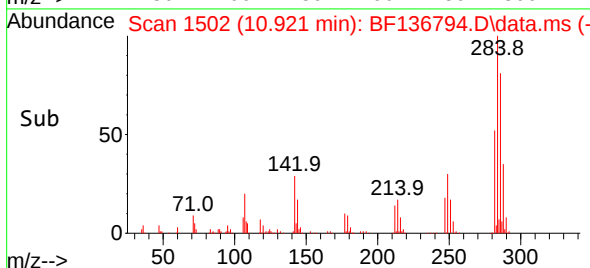
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#68
Hexachlorobenzene
Concen: 44.617 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53



Tgt Ion:284 Resp: 184241
Ion Ratio Lower Upper
284 100
142 30.3 23.4 35.0
249 30.0 22.3 33.5





#69

Atrazine

Concen: 59.681 ng

RT: 11.021 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

Tgt Ion:200 Resp: 16544

Ion Ratio Lower Upper

200 100

173 28.5 7.6 47.6

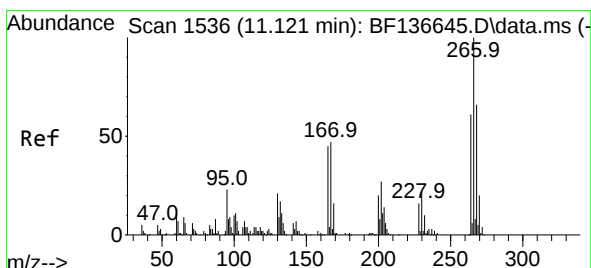
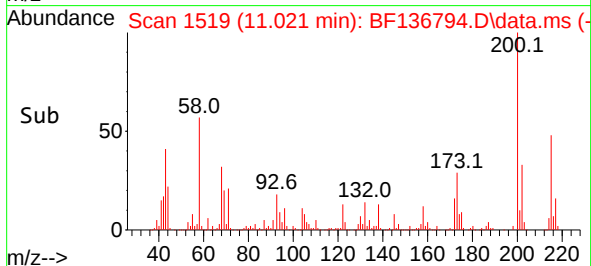
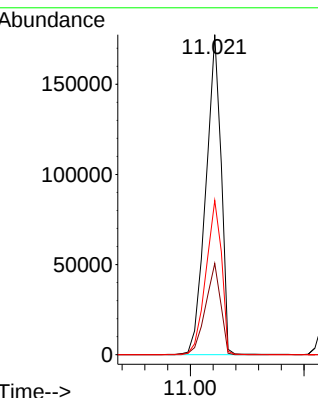
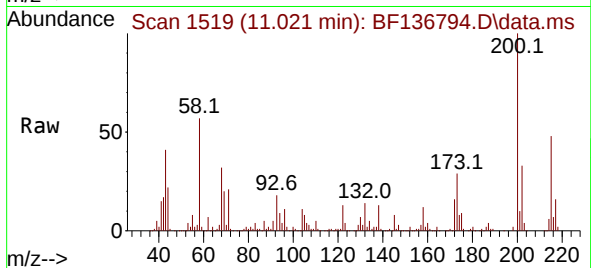
215 48.2 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#70

Pentachlorophenol

Concen: 81.558 ng

RT: 11.121 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

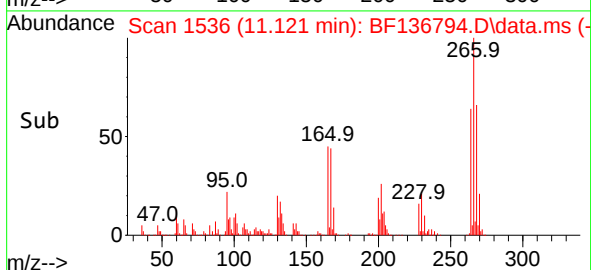
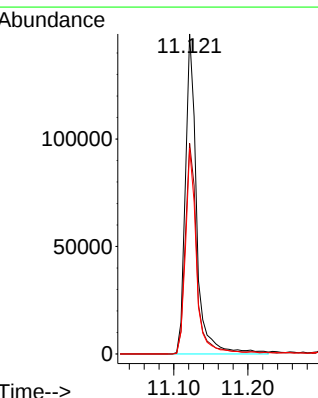
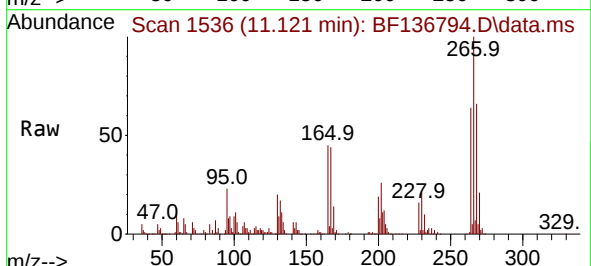
Tgt Ion:266 Resp: 156978

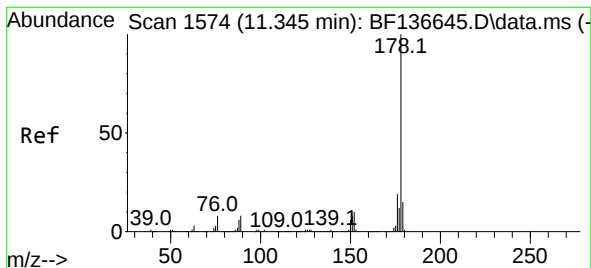
Ion Ratio Lower Upper

266 100

268 65.8 52.6 78.8

264 64.2 49.0 73.4





#71

Phenanthrene

Concen: 47.489 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

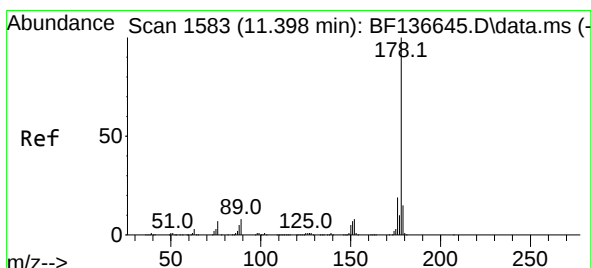
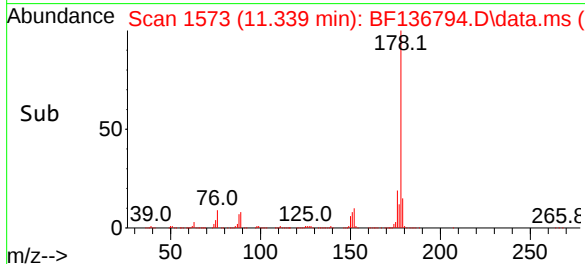
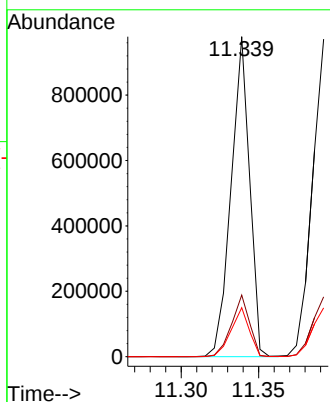
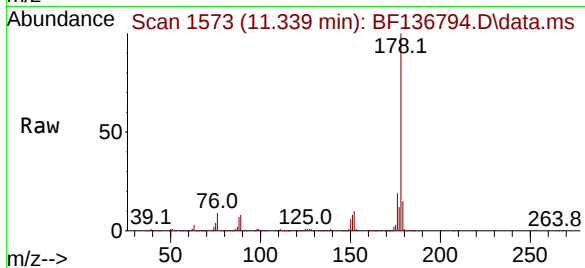
Tgt Ion:178 Resp: 813002

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	11.9	17.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#72

Anthracene

Concen: 47.524 ng

RT: 11.392 min Scan# 1582

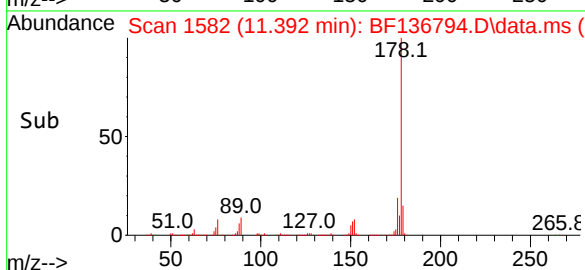
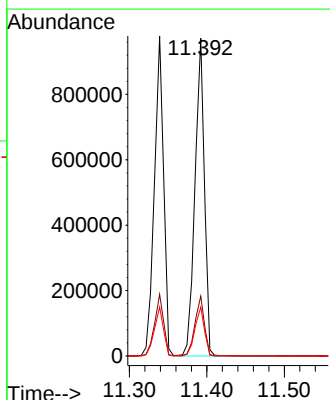
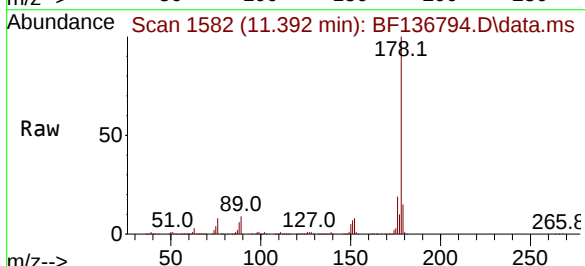
Delta R.T. -0.006 min

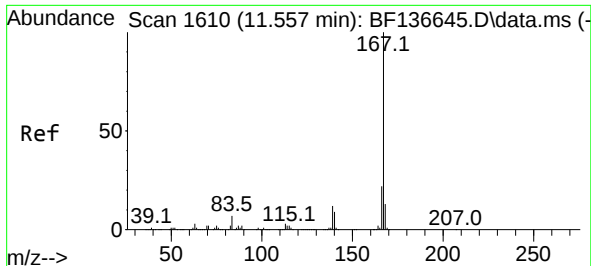
Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Tgt Ion:178 Resp: 823968

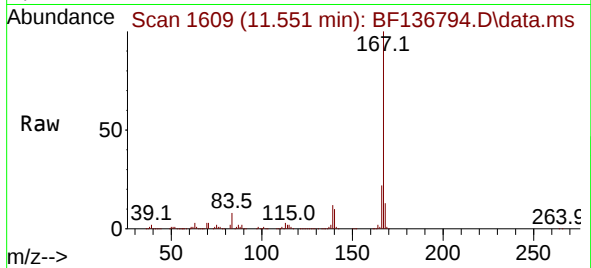
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	11.8	17.6





#73
 Carbazole
 Concen: 47.333 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136794.D
 Acq: 28 Dec 2023 14:53

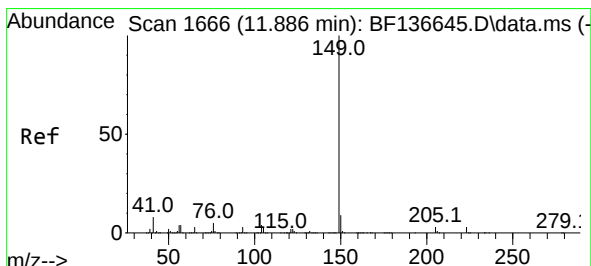
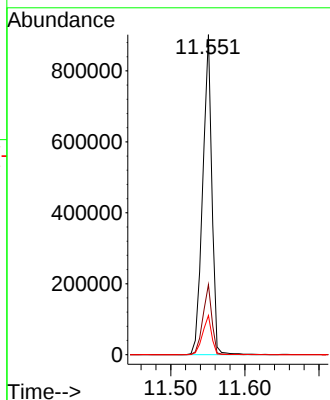
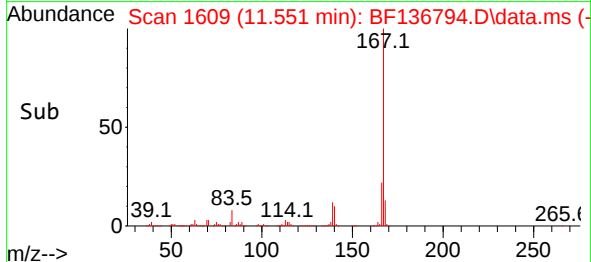
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MSD



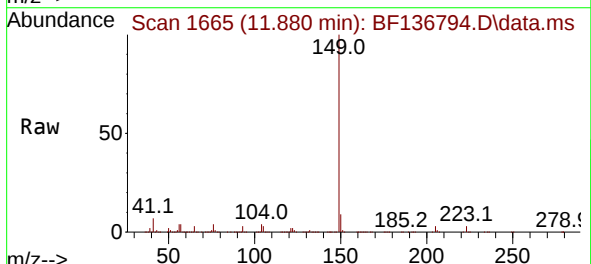
Tgt Ion:167 Resp: 773725
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.2 9.8 14.6

Manual Integrations
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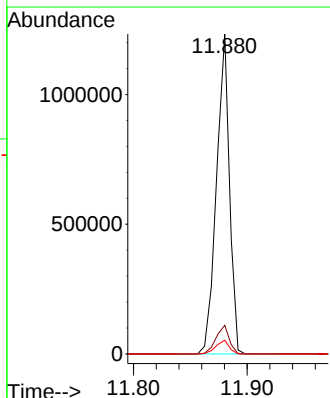
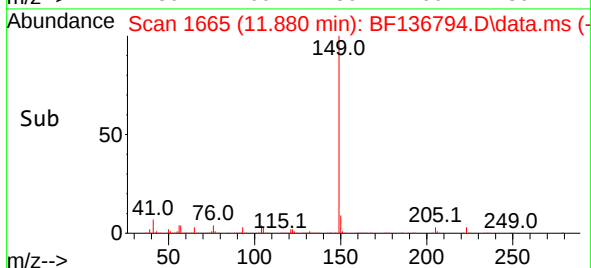
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#74
 Di-n-butylphthalate
 Concen: 49.160 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136794.D
 Acq: 28 Dec 2023 14:53



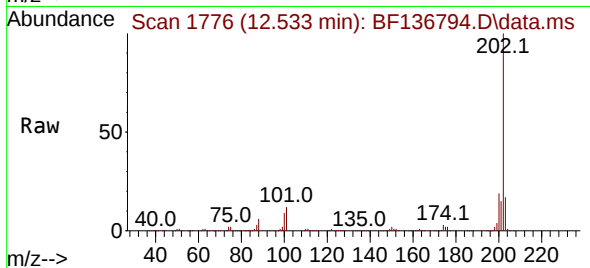
Tgt Ion:149 Resp: 980568
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 46.932 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

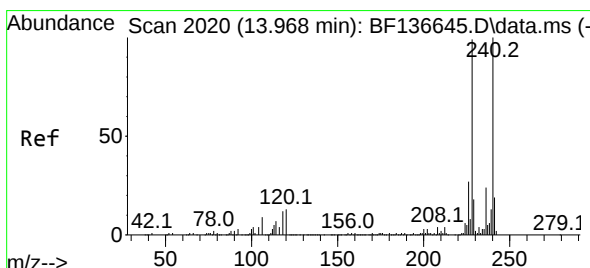
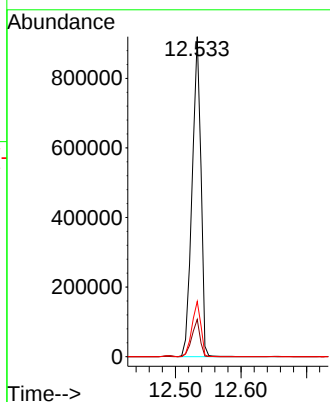
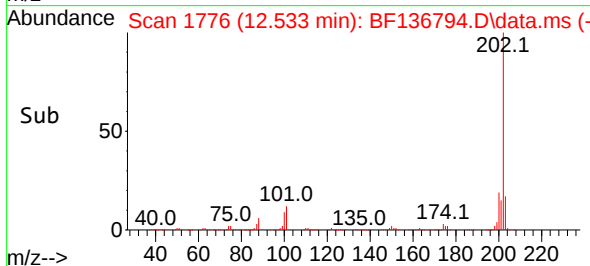
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:202 Resp: 859430
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 17.2 0.0 37.1

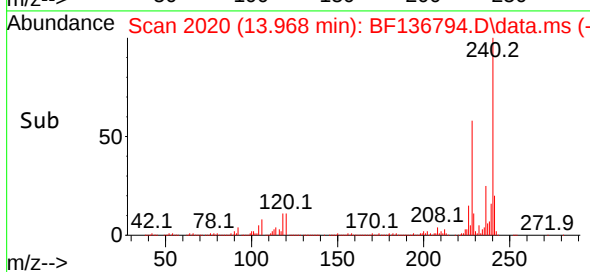
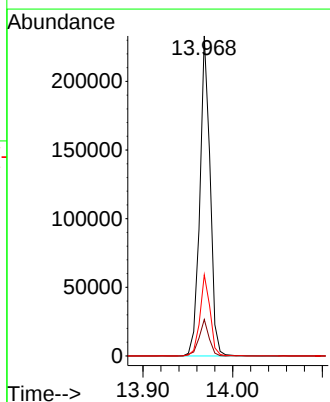
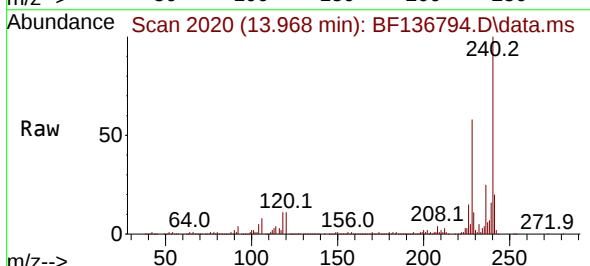
Manual Integrations
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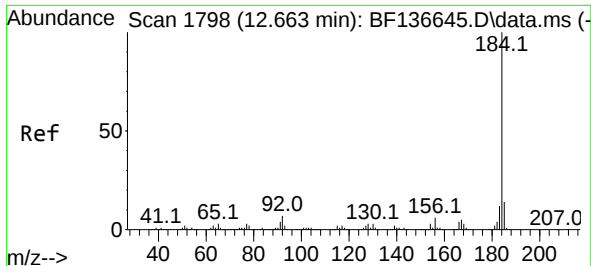
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

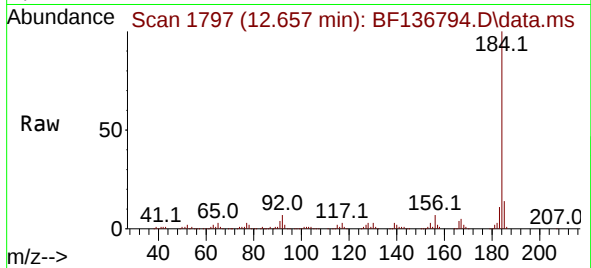
Tgt Ion:240 Resp: 183962
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 25.4 19.4 29.2





#77
Benzidine
Concen: 26.102 ng
RT: 12.657 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

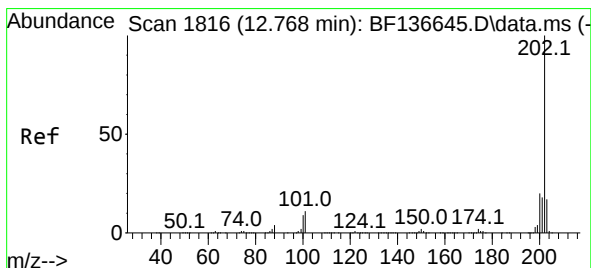
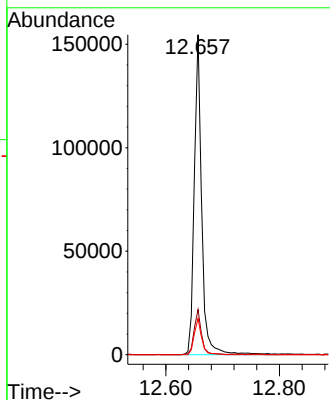
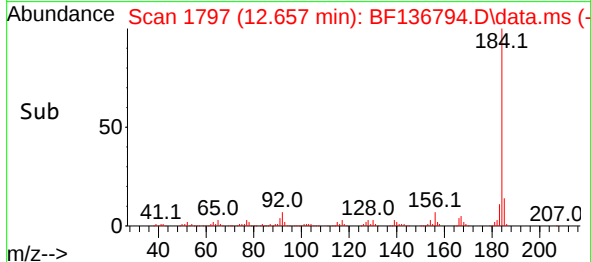
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:184 Resp: 141580
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.3 9.3 13.9

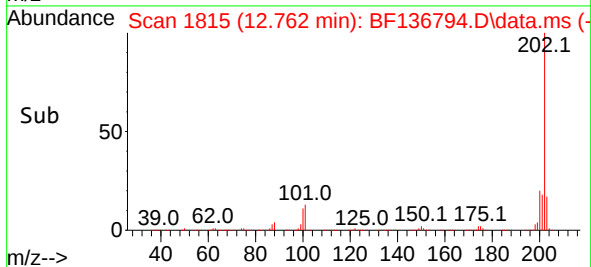
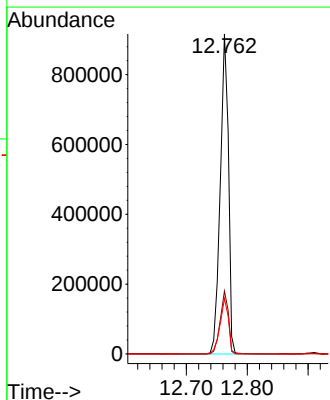
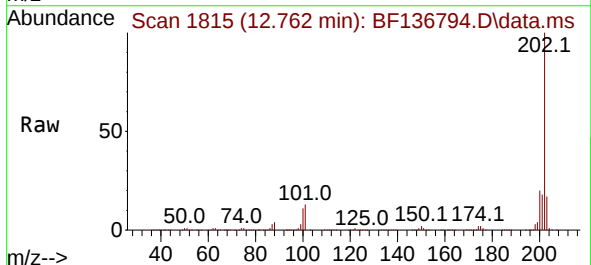
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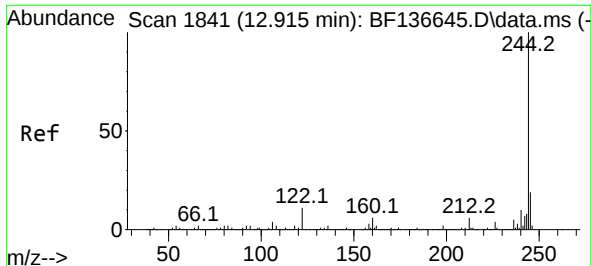
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#78
Pyrene
Concen: 47.229 ng
RT: 12.762 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:202 Resp: 852909
Ion Ratio Lower Upper
202 100
200 19.7 15.9 23.9
203 17.3 13.8 20.6





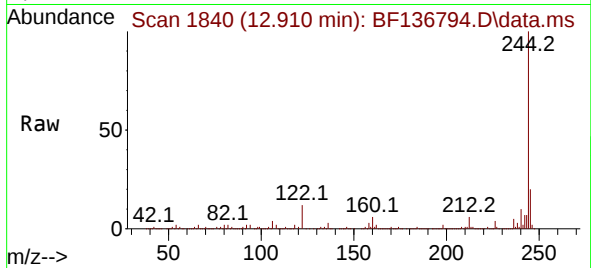
#79
Terphenyl-d14
Concen: 92.253 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD



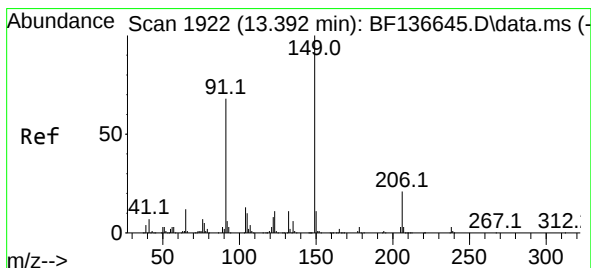
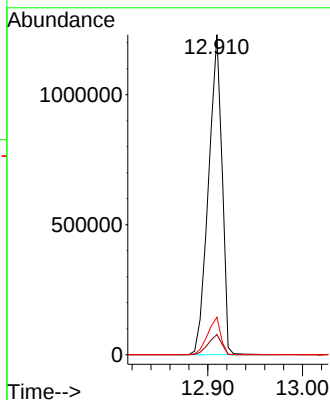
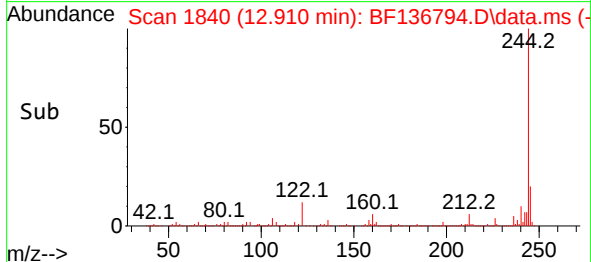
Tgt Ion:244 Resp: 1214409
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 11.7 9.0 13.4

Manual Integrations

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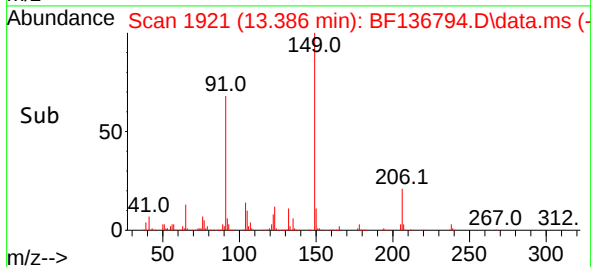
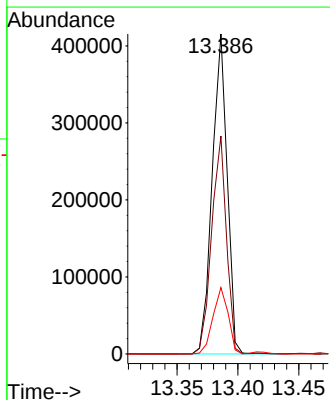
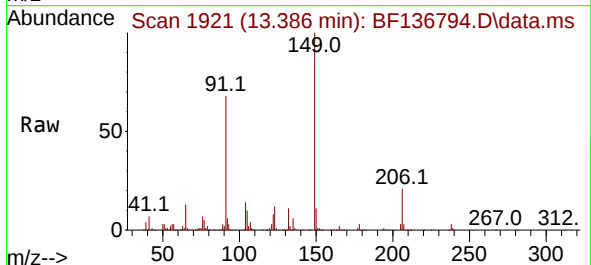
Reviewed By :Yogesh Patel 12/29/2023

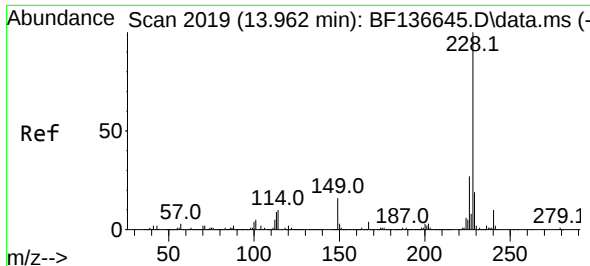
Supervised By :mohammad ahmed 12/29/2023



#80
Butylbenzylphthalate
Concen: 54.140 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

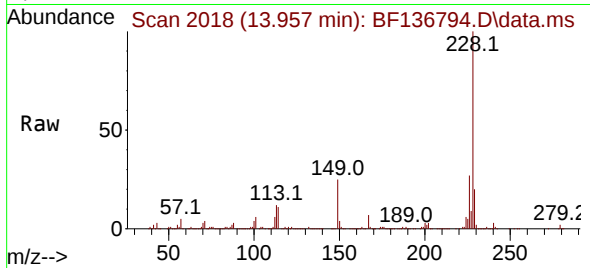
Tgt Ion:149 Resp: 355760
Ion Ratio Lower Upper
149 100
91 68.1 54.1 81.1
206 20.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 46.695 ng
RT: 13.957 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

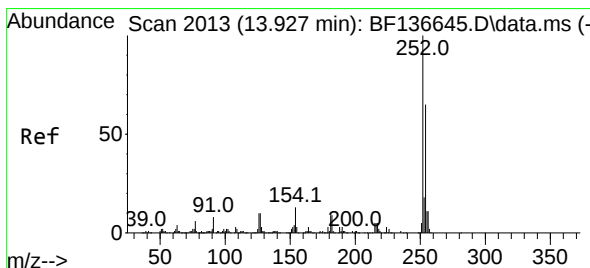
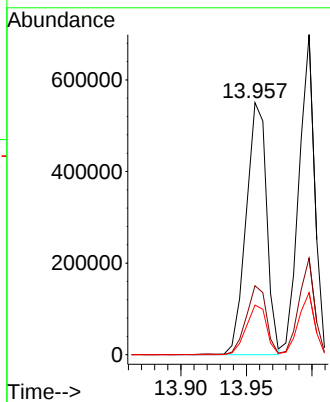
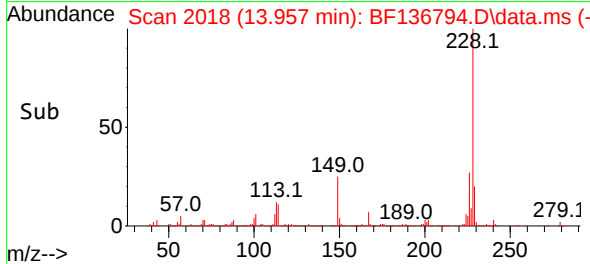
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:228 Resp: 596484
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.7 14.9 22.3

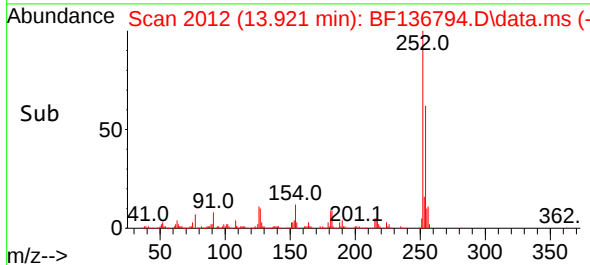
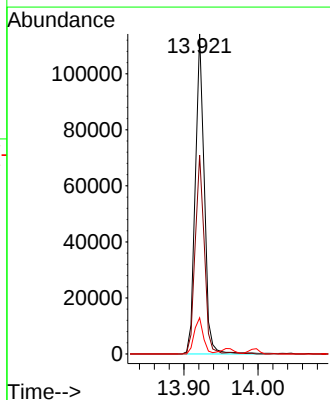
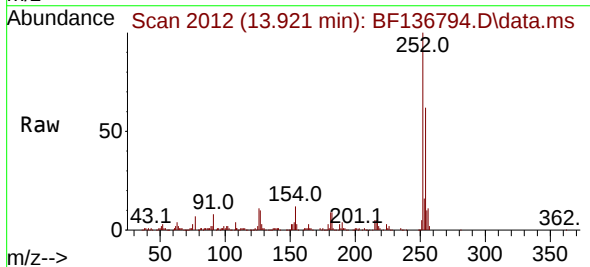
Manual Integrations
APPROVED

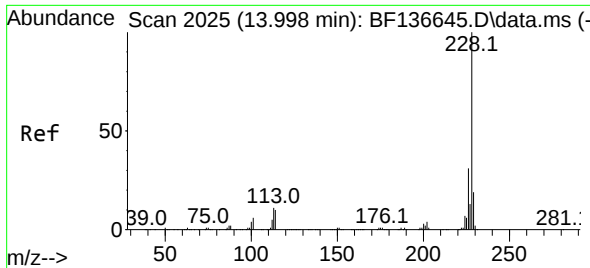
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 26.489 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

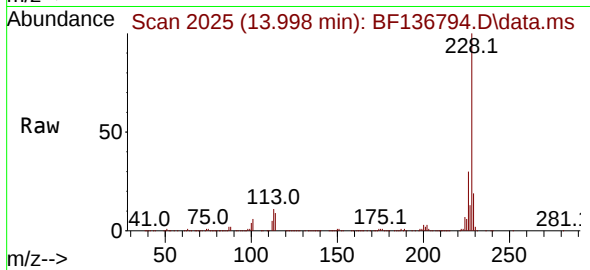
Tgt Ion:252 Resp: 96096
Ion Ratio Lower Upper
252 100
254 62.2 52.2 78.4
126 11.3 8.0 12.0





#83
Chrysene
Concen: 46.587 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

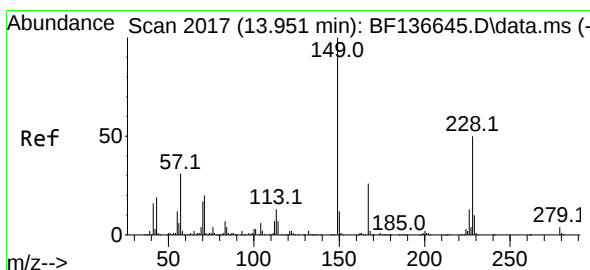
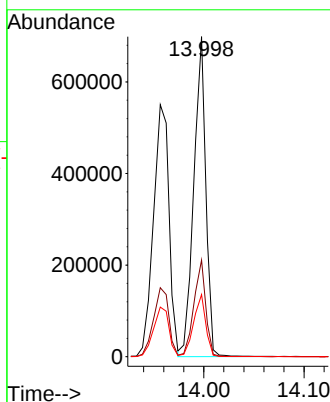
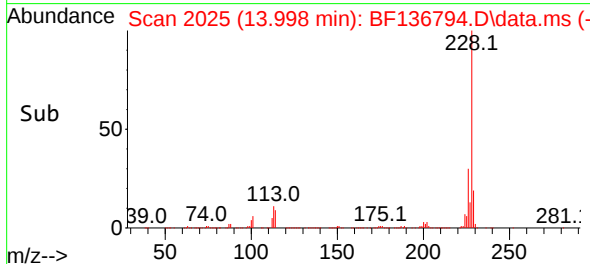
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:228 Resp: 58195
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 19.4 15.4 23.0

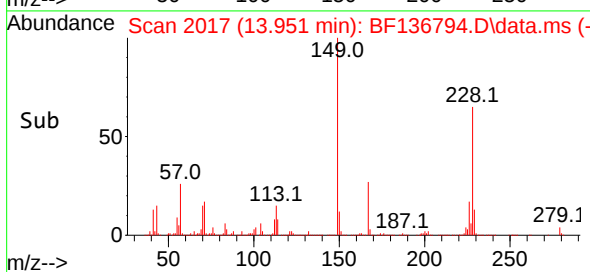
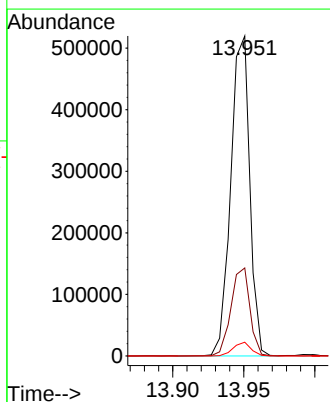
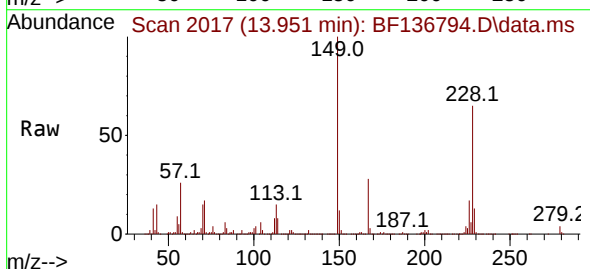
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.614 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:149 Resp: 484606
Ion Ratio Lower Upper
149 100
167 27.5 20.9 31.3
279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 58.537 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

Tgt Ion:149 Resp: 748628

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

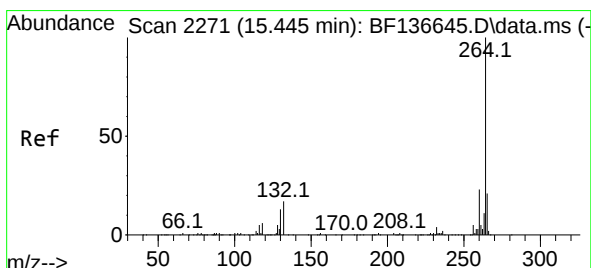
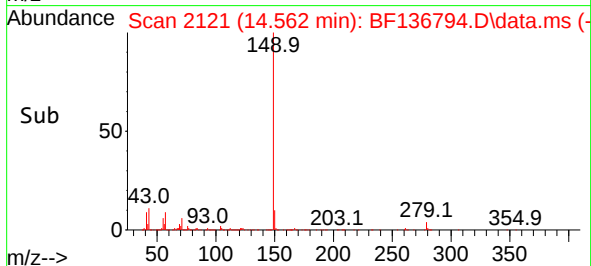
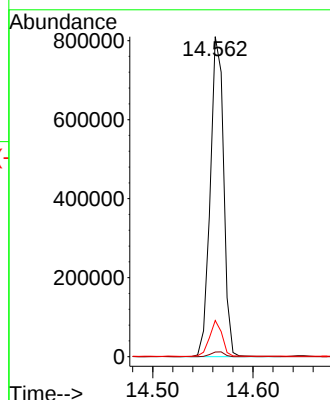
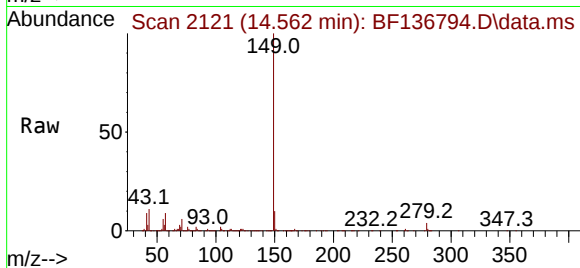
43 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

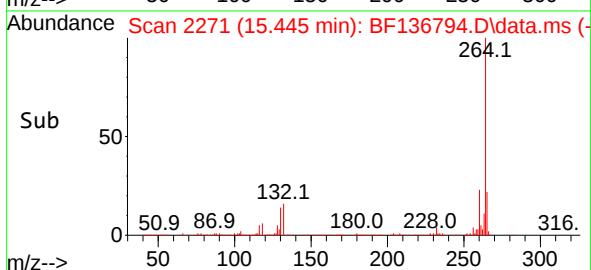
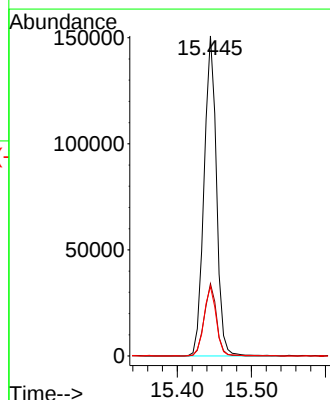
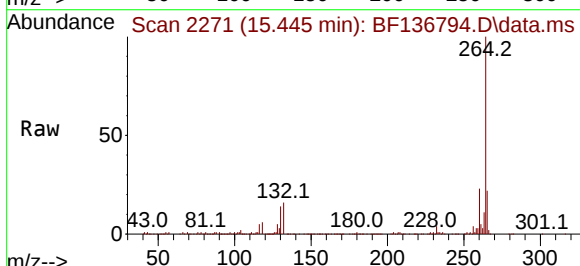
Tgt Ion:264 Resp: 175478

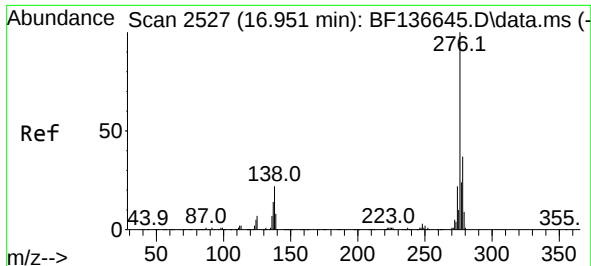
Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

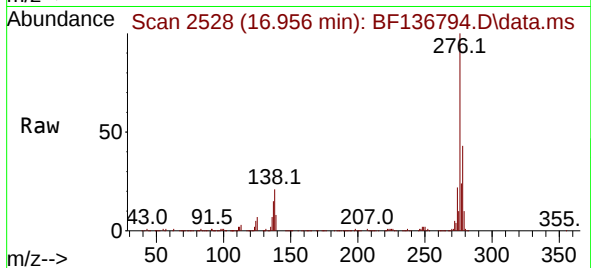
265 21.7 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.666 ng
RT: 16.956 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

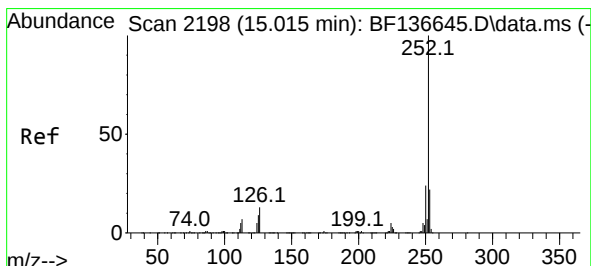
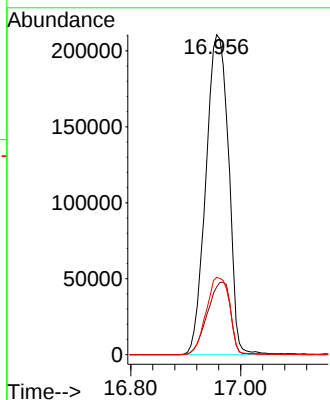
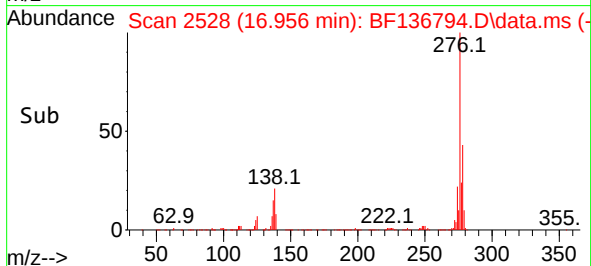
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:276 Resp: 60391
Ion Ratio Lower Upper
276 100
138 23.3 18.7 28.1
277 25.0 20.2 30.2

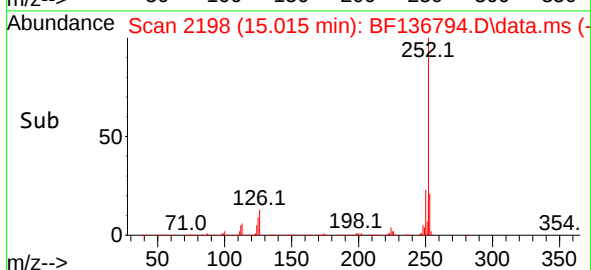
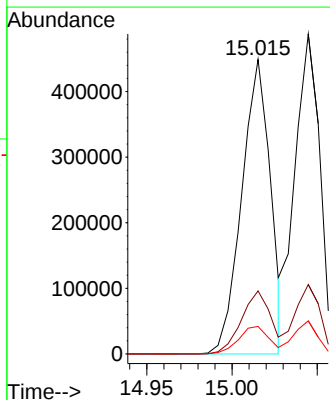
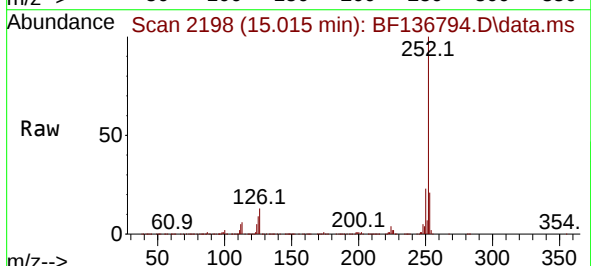
Manual Integrations
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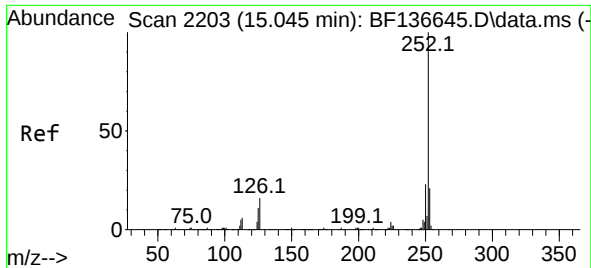
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#88
Benzo(b)fluoranthene
Concen: 44.845 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

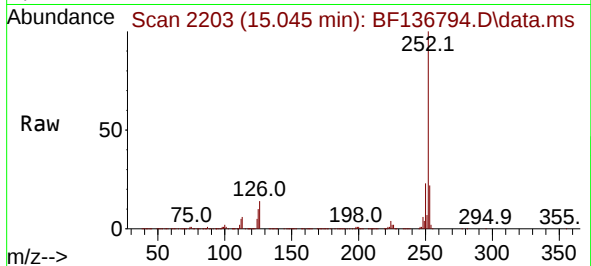
Tgt Ion:252 Resp: 525593
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.3 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 45.457 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

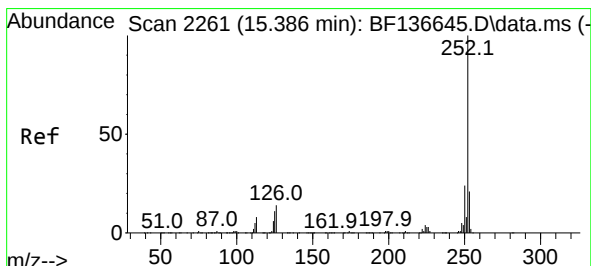
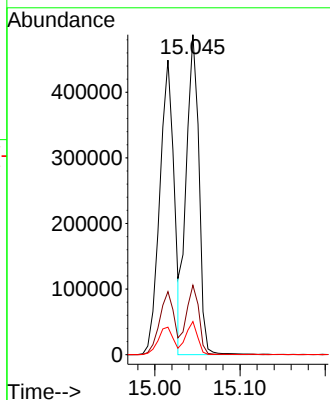
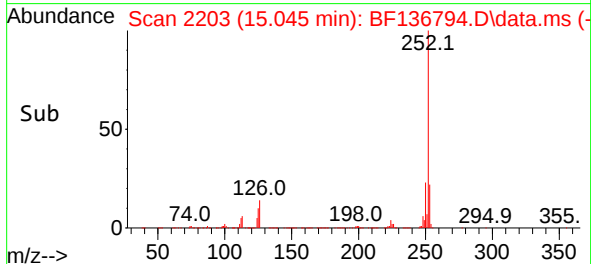
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2MSD



Tgt Ion:252 Resp: 503420
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.4 8.2 12.4

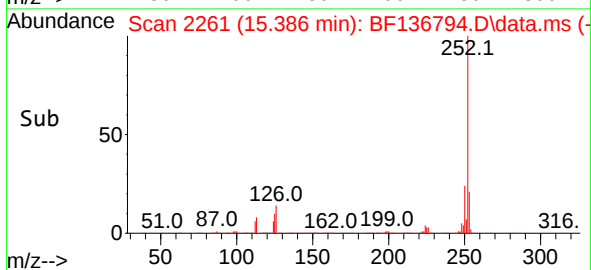
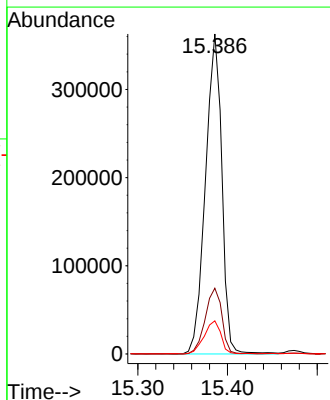
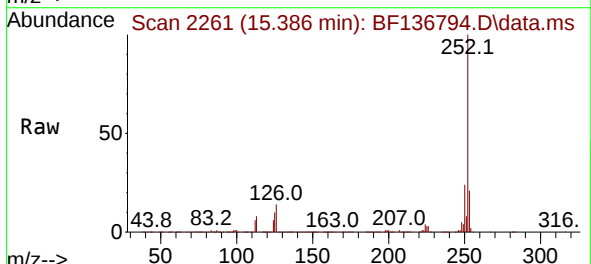
Manual Integrations
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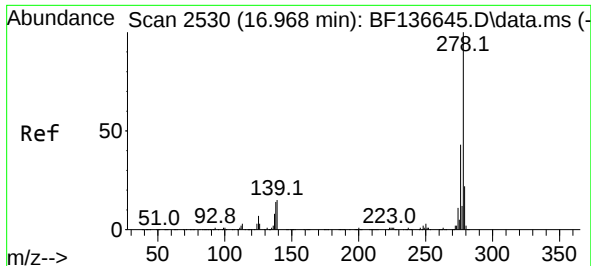
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#90
Benzo(a)pyrene
Concen: 46.487 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF136794.D
Acq: 28 Dec 2023 14:53

Tgt Ion:252 Resp: 459908
Ion Ratio Lower Upper
252 100
253 20.6 17.0 25.6
125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.598 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2MSD

Tgt Ion:278 Resp: 50514

Ion Ratio Lower Upper

278 100

139 14.4 12.2 18.4

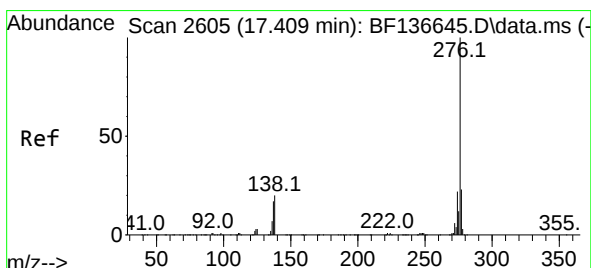
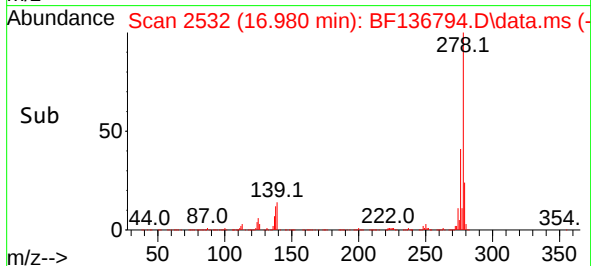
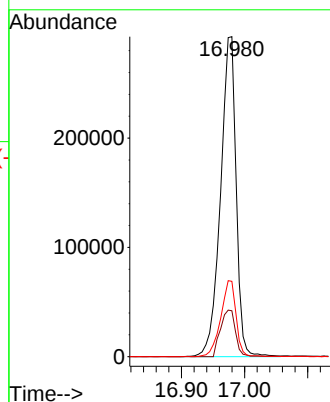
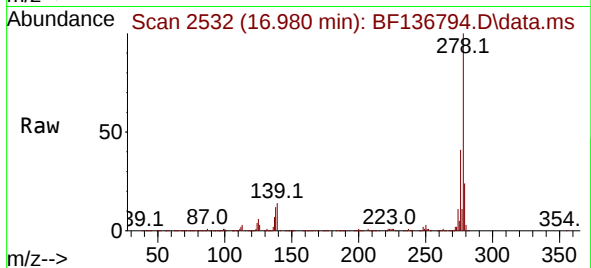
279 23.6 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#92

Benzo(g,h,i)perylene

Concen: 45.531 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF136794.D

Acq: 28 Dec 2023 14:53

Tgt Ion:276 Resp: 484721

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 19.7 15.6 23.4

